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USAFETAC/DS-79/055

DATA PROCESSING DIVISION
USAFETAC
Air Weather Service (MAC)

REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

DOVER AFB DELAWARE

N 39 07 W 075 27 FLD ELEV 28 FT KDOV

WBAN# 13707

WMO#

PARTS A-F

POR FROM HOURLY OBS: DEC 42-SEP 46, SEP 50-DEC 72

POR FROM DAILY OBS: DEC 42-SEP 46, SEP 50-DEC 72

AUG 07 1974

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DATA PROCESSING SHEET

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1 REPORT NUMBER USAFETAC/DS-79/055	2 GOVT ACCESSION NO.	3 RECIPIENT'S CATALOG NUMBER
4 TITLE (and Subtitle) Revised Uniform Summary of Surface Weather Observations (RUSSWO)- Dover AFB, Dover, Delaware		5 TYPE OF REPORT & PERIOD COVERED Final rept.
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17 DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)		
18 SUPPLEMENTARY NOTES		
19 KEY WORDS (Continue on reverse side if necessary and identify by block number) *RUSSWO Daily temperature Atmospheric pressure Snowfall Extreme snow depth Extreme surface winds Climatology Sea-level pressure Psychrometric summary Surface Winds Extreme temperature Ceiling versus visibility Relative humidity *Climatological data (over)		
20 ABSTRACT (Continue on reverse side if necessary and identify by block number) This report is a six-part statistical summary of surface weather observations for Dover AFB, Dover, Delaware It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (daily amounts and extreme values); (C) Surface winds; (D) Ceiling Versus Visibility; Sky Cover; (E) Psychrometric Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb (over).		

DD FORM
1 JAN 73 1473

UNCLASSIFIED

19. Percentge frequency of distribution tables
Dry-bulb temperature versus wet-bulb temperature
Cumulative percentage frequency of distribution tables

* Delaware

* Dover AFB DE

20. and dew-point temperatures and relative humidity); and (F) Pressure Summary (means, standard, deviations, and observation counts of station pressure and sea-level pressure). Data in this report are presented in tabular form, in most cases in percentage frequency of occurrence or cumulative percentage frequency of occurrence tables.

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SECURITY CLASSIFICATION OF THIS PAGE(When Data Entered)

THE EXTREME VALUES COULD CONTAIN SUSPECT OR QUESTIONABLE DATA. SUCH CASES USUALLY APPEAR IN THE TABULATIONS AS A PERCENTAGE FREQUENCY OF ".0", WHICH USUALLY INDICATES ONLY ONE OCCURRENCE. THESE MAY OR MAY NOT BE COMPLETELY VALID, BUT THE USER SHOULD NOT DISREGARD THEM ENTIRELY. OBVIOUS ERRORS OR IMPOSSIBLE CONDITIONS HAVE BEEN LINED THROUGH IN BLACK INK.

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

Hourly observations are defined as those record or record-special observations recorded at scheduled hourly intervals.

DAILY OBSERVATIONS

Daily observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations. (Selected from record-special, local, summary of the day, remarks, etc.)

DESCRIPTION OF SUMMARIES

Preceding each section is a brief description of the data comprising each part of the Revised Uniform Summary of Surface Weather Observations and the manner of presentation. Tabulations are prepared from hourly and daily observations recorded by stations operated by the U. S. Services and some foreign stations using similar reporting practices.

Unless otherwise noted the following summaries are included for this station:

PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

PART B PRECIPITATION

SNOWFALL

SNOW DEPTH

PART C SURFACE WINDS

PART D CEILING VERSUS VISIBILITY

SKYCOVER

PART E DAILY MAX, MIN, & MEAN TEMP

EXTREME MAX & MIN TEMP

PSYCHROMETRIC-DRY VS WET BULB

MEAN & STD DEV -
(DRY BULB, WET BULB, & DEW POINT)

RELATIVE HUMIDITY

PART F STATION PRESSURE

SEA LEVEL PRESSURE

STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations: 0000-0200, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 hours local standard time.

MISSING HOUR GROUPS

Summary sheets are omitted when stations maintaining limited observing schedules did not report certain three-hour periods for any particular month during the available period of record. Such missing sheets are listed below, and are applicable to all summaries prepared from hourly observations.

JANUARY _____

APRIL _____

JULY _____

OCTOBER _____

FEBRUARY _____

MAY _____

AUGUST _____

NOVEMBER _____

MARCH _____

JUNE _____

SEPTEMBER _____

DECEMBER _____

STATION NO ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	STATION ELEV (FT)	CALL SIGN	WMO NUMBER
13707	DOVER AFB DELAWARE	N 39 07	W 075 27	38	KDOV	-

STATION LOCATION AND INSTRUMENTATION HISTORY									
NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE XSL		GCS FEET
			FROM	TO			SECTION (FT)	BAROMETER	
1	Dover Air-Sub Base, Delaware	AAF	Dec 42	Apr 43	N 39 08	W 075 28	21	23	24
2	Dover Airdrome, Delaware	Same	May 43	Sep 46	Same	Same	Same	Same	24
3	Dover AFB, Delaware	AFB	Jul 49	Sep 49	Same	Same	Same	Same	8
4	Same	Same	Sep 50	Feb 55	Same	Same	38	27	24
5	Same	Same	Mar 55	Feb 58	Same	Same	Same	32	24
6	Same	Same	Mar 58	Feb 64	Same	Same	Same	38	24
7	Same	Same	Mar 64	Feb 69	Same	Same	Same	24	24
8	Same	Same	Mar 69	Dec 72	N 39 07	W 075 27	Same	Same	24

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	Dec 42 to Sep 46	Located W wing of Operations Bldg.	Selsyn	ML-144A	74 Ft	
2	Jul 49 to Sep 49	Not available.	N/A	N/A	N/A	
3	Sep 50 to Feb 55	Located on a Platform beside ROS.	Selsyn	ML-144A	30 Ft	
4	Mar 55 to Feb 56	1. Located on Control Tower.	Selsyn	ML-144A	50 Ft	
5	Mar 56 to Feb 57	2. Located at the ROS.	AN/GMQ-11	RO-2	30 Ft	
6	Mar 57 to Feb 58	Located at approach end of Rwy 01/19.	AN/GMQ-11	RO-2	40 Ft	
		Located 200 ft E of Rwy 01/19.	Same	Same	15 Ft	

USAFETAC FORM APR 68 0-19 (OL A)

CONTINUED ON REVERSE SIDE

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
7	Mar 58 to Feb 63	Located 700 ft NW of ROS along side Rnwy 19.	Same	Same	Same	
8	Mar 63 to Feb 69	Same	Same	Same	13 Ft	
9	Mar 69 to Jun 70	Same	Same	RO-362	Same	
10	Jul 70 to Dec 72	1. Located 600 ft E of centerline of Rnwy 19 end of 01/19.	AN/GMQ-20	RO-362	13 Ft	
		2. Located 1130 ft E of centerline of Rnwy 01 end of 01/19.	Same		Same	

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A

PART A

WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

1. By month and annual, all hours and years combined.
2. By month, all years combined, by standard 3-hour groups.

A percent value of ".0" in these tables indicates less than .05 percent, which is usually only one occurrence. The various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet (ice pellets) - Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets from Jan 68 and later. (Snow pellets also known as soft hail)

Hail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the percentages of the observations with precip.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources).

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Continued on Reverse

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13707

STATION

DOVER AFB DELAWARE

STATION NAME

42-46,50-72

YEARS

ALL

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TC VISION	TOTAL NO. OF OBS.
JAN	ALL	.0	8.8	.7	4.2	.0	13.3	17.1	17.2	.6	.0	32.6	19204
FEB		.0	10.0	.3	4.0		13.6	17.7	19.0	.4	.0	34.4	17499
MAR		.1	11.3	.0	2.6		13.4	16.7	14.2	.4	.0	29.6	19254
APR		.5	11.8	.0	.3	.0	12.1	15.0	11.7		.1	25.4	18567
MAY		.9	10.1				10.1	14.6	12.4	.0	.1	25.7	19232
JUN		1.3	7.1			.0	7.1	13.8	21.4		.0	32.2	18341
JUL		1.7	6.1				6.1	14.4	27.0		.0	38.3	19170
AUG		1.5	5.8				5.8	16.2	28.9		.1	41.3	19271
SEP		.6	7.3				7.3	17.1	21.0			34.8	19173
OCT		.2	7.2		.0		7.3	16.9	17.4		.0	31.4	19238
NOV		.1	9.4		.6	.0	9.9	15.2	16.6	.0		29.2	18638
DEC		.0	9.8	.2	2.5		12.2	18.0	17.7	.3	.0	34.2	19958
TOTALS		.6	8.7	.1	1.2	.0	9.9	16.1	18.7	.1	.0	32.4	227545

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13707
STATION

DOVER AFB DELAWARE
STATION NAME

43-46,51-72
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	00-02	.0	9.8	1.0	4.0		14.4	18.0	14.8	.8		31.6	2396
	03-05	.0	9.2	1.4	4.3		14.4	20.5	14.7	.9		33.7	2402
	06-08	.0	9.5	1.1	4.7		14.6	22.8	17.6	.5		37.6	2405
	09-11		8.9	.6	3.5	.0	12.9	19.1	21.1	.5	.0	37.7	2402
	12-14	.0	9.0	.3	3.5	.1	12.6	13.0	19.2	.5	.1	30.6	2401
	15-17	.1	7.8	.2	4.3		12.0	12.9	18.7	.4	.2	30.3	2404
	18-20	.1	7.7	.6	4.6		12.5	14.6	16.3	.5	.0	29.6	2403
	21-23		8.3	.6	4.4		13.0	15.8	15.3	.5		29.5	2391
TOTALS		.0	8.8	.7	4.2	.0	13.3	17.1	17.2	.6	.0	32.6	19204

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13707

DOVER AFB DELAWARE

43-46, 51-72

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
FEB	00-02		10.2	.3	3.4		13.3	20.3	15.7	.6		33.6	2189
	03-05		10.6	.3	4.1		14.0	21.5	15.9	.3		34.6	2189
	06-08		9.4	.5	3.6		13.1	23.8	21.4	.5	.0	40.7	2189
	09-11		10.4	.2	4.1		14.1	17.7	20.9	.5	.1	36.6	2188
	12-14		9.6	.2	4.3		13.5	13.3	19.5	.5		31.4	2186
	15-17		9.4	.1	4.4		13.6	12.9	19.7	.2		31.0	2184
	18-20	.2	10.3	.1	4.1		14.1	15.5	19.3	.2		32.9	2185
	21-23	.1	9.8	.5	3.6		13.4	16.9	19.4	.5		34.2	2189
TOTALS		.0	10.0	.3	4.0		13.6	17.7	19.0	.4	.0	34.4	17499

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13707

DUVER AFB DELAWARE

43-46, 51-72

MAR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAR	00-02	.2	11.2		2.8		13.6	18.9	12.8	.4		30.4	2407
	03-05	.0	11.8		3.0		14.4	22.0	12.9	.5		33.4	2407
	06-08	.1	12.1		3.0		14.5	23.9	18.3	.7		38.9	2405
	09-11	.0	11.9	.0	3.1		14.1	14.8	17.1	.7		31.1	2407
	12-14	.0	11.0		2.8		13.2	11.5	13.3	.3	.0	24.2	2408
	15-17	.2	11.3	.0	2.2		12.9	11.8	13.0	.2	.1	23.9	2407
	18-20	.2	10.3	.0	1.7		11.8	14.0	13.8	.3	.1	27.1	2406
	21-23	.3	10.9	.2	2.2		12.9	16.4	12.4	.4	.1	27.6	2407
TOTALS		.1	11.3	.0	2.6		13.4	16.7	14.2	.4	.0	29.6	19254

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13707

DOVER AFB DELAWARE

43-46,51-72

APR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
APR	00-02	.3	12.3	.1	.3		12.7	17.2	9.6			25.6	2322
	03-05	.4	13.3	.1	.4		13.8	22.5	10.5			31.4	2325
	06-08	.2	12.6		.4		13.0	23.2	15.8			36.0	2323
	09-11	.2	10.7		.3		10.9	12.9	13.5		.2	25.6	2321
	12-14	.3	10.2		.3	.0	10.4	8.9	10.7		.2	19.1	2323
	15-17	.6	11.7	.0	.0	.0	11.8	9.8	11.4		.1	20.2	2317
	18-20	1.2	12.3	.0	.2		12.4	11.7	12.1			22.6	2319
	21-23	.6	11.5	.1	.3		11.7	13.7	10.1			22.7	2317
TOTALS		.5	11.8	.0	.3	.0	12.1	15.0	11.7		.1	25.4	16567

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13707

STATION

DUVE¹ AFB DELAWARE

STATION NAME

43-46, 51-72

YEARS

MAY

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAY	00-02	1.5	11.1				11.1	21.2	10.7			30.5	2406
	03-05	.8	11.3				11.3	27.2	12.3		.0	36.7	2409
	06-08	.3	10.7				10.7	22.3	16.4		.1	35.6	2404
	09-11	.0	8.9				8.9	10.2	11.7		.3	21.5	2402
	12-14	.3	7.9				7.9	6.6	11.2	.0	.3	17.6	2402
	15-17	1.0	8.9				8.9	6.0	11.5		.2	17.1	2404
	18-20	1.9	10.2				10.2	9.1	13.2		.2	21.7	2405
	21-23	1.6	11.5				11.5	14.3	11.9			24.7	2400
TOTALS		.9	10.1				10.1	14.6	12.4	.0	.1	25.7	19232

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13707

DOVER AFB DELAWARE

43-46, 51-72

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUN	00-02	1.4	7.9				7.9	19.9	20.5			36.6	2293
	03-05	.1	7.3				7.3	35.8	20.9			48.3	2291
	06-08	.1	7.1				7.1	23.3	27.6			44.6	2291
	09-11	.3	6.1				6.1	7.3	22.4			28.3	2293
	12-14	.9	6.0			.0	6.0	3.8	18.4			21.6	2294
	15-17	2.0	6.7				6.7	3.7	18.3			21.4	2295
	18-20	2.9	7.5				7.5	6.5	22.4			27.3	2294
	21-23	3.0	7.9				7.9	10.4	20.4		.0	29.0	2290
TOTALS		1.3	7.1			.0	7.1	13.8	21.4		.0	32.2	18341

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/HAC

WEATHER CONDITIONS

13707

DOVER AFB DELAWARE

43-46, 51-72

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUL	00-02	1.3	6.1				6.1	22.7	24.1			42.6	2401
	03-05	.8	5.4				5.4	37.2	26.4			55.6	2395
	06-08	.5	5.2				5.2	27.3	34.8			54.3	2396
	09-11	.5	5.1				5.1	6.0	30.2		.1	35.3	2393
	12-14	1.7	6.5				6.5	3.1	24.4		.1	27.2	2386
	15-17	2.8	7.5				7.5	2.8	24.4		.1	27.2	2400
	18-20	3.4	6.1				6.1	5.0	27.1			31.0	2395
	21-23	2.6	6.5				6.5	11.2	24.3			33.0	2404
TOTALS		1.7	6.1				6.1	14.4	27.0		.0	38.3	19170

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/HAC

WEATHER CONDITIONS

13707
STATION

DOVER AFB DELAWARE
STATION NAME

43-46, 51-72
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
AUG	00-02	1.6	6.2				6.2	25.2	26.3			46.2	2413
	03-05	1.5	6.6				6.6	40.3	27.5			58.4	2410
	06-08	.4	5.7				5.7	33.8	34.7		.1	58.2	2402
	09-11	.4	5.3				5.3	6.9	33.3		.2	38.7	2415
	12-14	1.0	5.0				5.0	3.3	25.8		.2	28.9	2400
	15-17	1.5	5.4				5.4	2.7	27.2		.1	29.9	2410
	18-20	2.7	5.9				5.9	5.4	29.8		.0	34.6	2408
	21-23	2.6	6.4				6.4	12.3	26.9			36.9	2413
TOTALS		1.5	5.9				5.8	16.2	28.9		.1	41.5	19271

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13707

STATION

DOVEF AFB DELAWARE

STATION NAME

43-46,50-72

YEARS

SEP

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
SEP	00-02	.5	7.4				7.4	24.1	19.6			39.5	2398
	03-05	.4	8.2				8.2	34.6	17.7			46.5	2400
	06-08	.1	8.1				8.1	35.3	27.8			53.3	2394
	09-11	.2	7.2				7.2	9.6	24.9			32.6	2394
	12-14	.9	6.5				6.5	4.8	19.1			23.4	2393
	15-17	1.0	6.6				6.6	4.8	17.9			22.3	2399
	18-20	1.0	7.3				7.3	8.6	20.7			27.8	2396
	21-23	.5	7.1				7.1	14.6	20.3			32.7	2399
TOTALS		.6	7.3				7.3	17.1	21.0			34.8	19173

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13707

DOVER AFB DELAWARE

43-45, 50-72

OCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
UCT	00-02	.2	6.6		.0		6.6	21.4	14.7			33.3	2407
	03-05	.4	7.1		.0		7.1	30.2	16.6			41.7	2408
	06-08	.1	7.3		.0		7.3	34.7	22.9			49.5	2407
	09-11	.0	7.2				7.2	11	22.2			31.9	2407
	12-14	.1	7.4		.1		7.5	6	14.9			21.1	2406
	15-17	.2	8.0		.1		8.0	6.8	15.4		.0	21.2	2403
	18-20	.4	7.0				7.0	9.4	17.4			24.7	2405
	21-23	.1	7.3				7.3	14.2	15.4			27.8	2395
TOTALS		.2	7.2		.0		7.3	16.9	17.4		.0	31.4	19236

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13707

STATION

DOVER AFB DELAWARE

STATION NAME

43-45,50-72

YEARS

NOV

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
NOV	00-02	.0	10.6		.9		11.4	17.7	13.3	.1		29.0	2329
	03-05		9.9		.9		10.8	21.6	14.8	.1		33.4	2333
	06-08	.0	9.2		.4		9.6	26.9	20.5			41.1	2330
	09-11		8.8		.8		9.4	14.8	19.9			31.0	2330
	12-14	.0	8.2		.3		8.5	8.2	16.2			23.4	2328
	15-17	.3	9.8		.3	.1	10.1	8.2	17.3	.0		24.3	2331
	18-20	.1	9.1		.5		9.6	10.5	16.9	.0		25.5	2321
	21-23	.0	9.5		.5		9.9	13.4	13.7			25.3	2336
TOTALS		.1	9.4		.6	.0	9.9	15.2	16.6	.0		29.2	18638

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13707

DDVER AFB DELAWARE

42-45,50-72

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
DEC	00-02		8.7	.2	2.2		14.9	19.2	14.4	.2		31.9	2496
	03-05		8.6	.2	2.4		11.0	20.2	15.4	.2		33.5	2490
	06-08		9.3	.2	2.0		11.4	23.7	19.1	.2		39.7	2496
	09-11	.0	10.3	.1	2.2		12.4	18.7	22.4	.5	.1	39.2	2501
	12-14		9.6	.0	2.9		12.4	13.8	18.6	.5	.2	32.1	2501
	15-17	.1	9.7	.2	2.8		12.4	14.2	18.9	.2		32.7	2503
	18-20		11.1	.4	2.7		13.8	16.6	16.7	.2		32.6	2485
	21-23	.0	11.2	.2	2.4		13.4	17.8	15.9	.3		32.1	2486
TOTALS		.0	9.8	.2	2.5		12.2	18.0	17.7	.3	.0	34.2	19958

PART A

ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrence of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms or from hourly data and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these daily tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than the percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual categories may differ from the total columns.

A percent value of ".0" in the table indicates less than .05 percent, which is usually only one occurrence.

This presentation is by month with annual totals, and is prepared with all years combined.

- NOTES: (1) A day with rain and/or drizzle was not separately reported in the WBAN data prior to year 1949. Therefore, percentages in this column are restricted to the period Jan 1949 and later.
- (2) A day with freezing rain and/or freezing drizzle is also properly reported as a day with rain and/or drizzle.
- (3) A day with dust and/or sand is included in this summary only when visibility is reduced to less than $5/8$ mile.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

XX **WEATHER CONDITIONS** XXXXXXXXXXXXXXXXXXXXXXXXXXXX
ATMOSPHERIC PHENOMENA

13707
STATION

DOVER AFB DELAWARE
STATION NAME

46, 50-72
YEARS

ALL
MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM DAILY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	DAILY	.2	34.0	3.2	23.2	.4	47.7	41.5	42.0	3.0		57.0	710
FEB		1.1	37.1	2.9	23.7	.2	48.3	43.7	42.6	2.8		58.9	650
MAR		4.2	44.4	.4	13.9	.1	49.4	45.0	41.4	2.0	.1	58.1	713
APR		8.4	51.8	.3	2.6	.6	51.3	44.9	44.3			57.2	690
MAY		14.9	51.2			.7	51.5	48.8	43.8		.1	58.3	713
JUN		18.1	43.8			.4	43.2	55.4	57.0			68.6	690
JUL		20.9	41.9			.3	41.3	56.4	66.6		.3	75.6	712
AUG		19.1	41.3			.1	41.0	65.1	69.0		.1	79.4	713
SEP		7.6	38.2				35.6	59.6	59.8			71.0	711
OCT		3.2	35.2		.8	.1	35.3	51.9	51.8			63.0	713
NOV		1.6	41.0		5.4	.3	43.6	46.1	46.5	.4		60.9	690
DEC		.6	38.6	2.0	15.6	.1	46.0	43.8	42.1	1.1		58.1	713
TOTALS		8.4	41.4	.7	7.1	.3	44.5	50.3	50.6	.8	.0	63.8	8418

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

This part of the Uniform Summary consists of eight summaries derived from daily observations as follows:

1. The first set presents, in three tables, the percentage frequency of various daily amounts of PRECIPITATION, SNOWFALL, and SNOW DEPTH. The daily amount summary is prepared by month and annual, all years combined, and includes percent of days with measurable amounts; percent of days having none, traces, and given amounts; and means, greatest and least monthly amounts. (The last three statistics are omitted from the snow dep. summary because of their doubtful and limited value.) A total count of valid observations is given for months and annual. Stations are included in which a portion or all of the period may contain months with missing days. This will be noted on the summary pages. A percent value of ".0" in these daily amount tables indicates less than .05 percent which is usually only one occurrence.
2. The second set of three tables presents the extreme daily amounts, by individual year and month, of PRECIPITATION, SNOWFALL, and SNOW DEPTH for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months) and the total valid observation count. An asterisk (*) is printed in any year-month block when the extreme value is based on an incomplete month (at least one day missing for the month). When a month has valid observations reported but no occurrences, zeros are given in the tables as follows:

EXTREME DAILY PRECIPITATION	".00"	equals none for the month (hundredths)
EXTREME DAILY SNOWFALL	".0"	equals none for the month (tenths)
EXTREME DAILY SNOW DEPTH	"0"	equals none for the month (whole inches)

3. The third set of two tables provides the total monthly amounts of PRECIPITATION and SNOWFALL for each year-month and annual. Also prepared are the means, standard deviations, and total number of valid observations for each month and annual (all months). An asterisk (*) is printed in each data block if one or more days are missing for the month. No occurrences for a month are indicated in the same manner as in the extreme tables above. If a trace becomes the extreme or monthly total in any of these tables it is printed as "TRACE."

Continued on Reverse Side

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
PRECIPITATION
(FROM DAILY OBSERVATIONS)

13767 DOVER AFB DELAWARE
STATION STATION NAME

42-46, 56-72
YEARS

	AMOUNTS (INCHES)														PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00	MEAN			GREATEST	LEAST	
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4						
SNOW- DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-70	37-48	49-60	61-120	OVER 120						
JAN	51.5	14.7	3.0	7.5	5.4	6.8	5.2	4.5	.8					33.5	796	2.53	4.82	TRACE	
FEB	50.8	16.7	1.7	6.1	4.0	7.0	6.5	5.0	2.3					32.5	724	2.98	6.11	TRACE	
MAR	49.3	15.0	2.9	6.9	4.3	7.2	5.7	6.4	2.4					35.7	795	3.55	7.16	TRACE	
APR	47.2	17.3	3.8	6.8	4.6	6.8	6.6	5.1	1.7	.1				35.5	767	3.01	6.98	TRACE	
MAY	49.0	16.9	3.3	6.7	5.7	6.0	5.7	4.5	2.1	.1				34.1	794	3.10	7.66	TRACE	
JUN	55.9	15.8	3.2	6.5	2.7	6.1	3.9	3.4	2.3	.3				28.3	774	2.87	6.57	.71	
JUL	56.5	14.9	3.9	5.5	2.7	4.5	3.7	4.5	3.1	.7				28.6	805	3.94	12.60	.77	
AUG	60.2	13.3	1.5	4.1	3.7	4.3	4.7	3.4	3.4	1.0	.1			26.5	805	4.60	16.57	.80	
SEP	63.3	12.1	2.0	4.9	3.5	3.7	2.2	4.4	3.5	.4				24.6	801	3.24	7.70	.73	
OCT	64.3	12.7	1.7	4.6	2.7	4.5	3.7	3.0	2.7	.1				23.1	806	2.86	6.86	.01	
NOV	55.9	15.0	1.7	5.3	3.8	4.4	5.9	4.9	2.8	.3	.1			29.1	780	3.80	8.61	.52	
DEC	54.6	15.0	2.1	6.0	3.0	5.7	5.0	5.6	2.8	.1				30.4	820	3.38	8.07	.00	
ANNUAL	54.9	15.0	2.6	5.9	3.8	5.6	4.9	4.6	2.5	.3	.0			30.2	9469	39.84			

DATA PROCESSING BRANCH
USAF/DTAC/DL A
AIR WEATHER SERVICE/MAC

EXTREME VALUES

PRECIPITATION

(FROM DAILY OBSERVATIONS)

13767

DUVER AFB DELAWARE

42-46, 50-72

STATION

STATION NAME

YEARS

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
42													
43	*TRACE	*TRACE	*TRACE	*TRACE	*TRACE	1.98	3.09	1.24	1.32	1.60	1.58	1.07	3.09
44	2.22	.32	1.34	2.60	.93	.73	1.34	2.06	1.18	1.52	2.76	.97	2.76
45	.91	.46	1.11	1.29	1.09	1.23	1.82	.36	1.55	1.13	.75	1.26	1.32
46	.62	.67	.79	1.15	2.41	.07	2.16	1.20	.61				
50									2.11	.93	1.95	.56	
51	.61	1.12	.71	.66	1.25	1.65	1.36	1.07	1.10	1.59	2.30	1.47	2.30
52	.89	.58	1.14	2.23	2.01	1.32	1.33	4.80	.69	.62	2.43	1.22	4.80
53	.90	1.70	.99	.91	1.72	.80	2.75	3.30	.66	1.23	.96	1.16	3.30
54	.93	1.11	.95	.92	.60	.35	1.38	.73	1.96	.52	1.84	.27	1.96
55	.15	1.77	.83	.74	.61	2.20	.65	3.75	.29	.66	1.09	.37	3.75
56	.56	.75	1.54	.54	.90	1.24	1.99	1.58	.66	1.39	2.66	.68	5.60
57	.34	.60	1.60	.59	.64	1.74	.68	1.12	1.13	1.05	1.58	1.18	1.74
58	1.17	1.91	1.47	1.04	1.19	1.36	1.60	4.36	.99	1.22	1.43	1.49	4.36
59	.73	.51	1.36	.66	.27	.66	4.06	1.59	1.13	2.02	1.69	.64	4.06
60	.68	1.14	.33	.83	.56	.37	3.32	1.28	3.48	.40	.60	1.04	3.48
61	1.30	1.87	1.08	1.10	1.37	2.39	1.04	.77	.86	1.79	.75	.66	2.39
62	1.46	.64	.93	1.98	.50	.76	.62	1.56	1.21	.46	1.32	.80	1.98
63	.42	.98	1.33	.23	1.01	1.32	.74	2.62	1.77	.01	2.53	.86	2.62
64	.98	1.20	.98	.96	.51	.97	.96	.39	1.88	.90	.55	.68	1.88
65	.92	.40	.90	.56	.86	.91	.80	1.32	.72	.47	.29	.38	1.32
66	1.16	1.47	.62	1.01	.65	1.32	.64	.38	1.66	4.11	.43	1.02	4.11
67	.82	1.20	1.40	1.27	2.92	2.01	1.50	0.01	3.00	.92	.80	1.40	9.01
68	.95	.66	1.42	.89	1.73	1.08	1.80	.60	.86	1.28	1.43	.65	1.80
69	.63	.66	1.20	1.10	1.04	2.73	4.81	1.07	1.01	.86	.63	1.88	4.81
70	.38	.58	1.06	2.26	.38	1.21	1.49	1.63	.45	1.76	1.14	1.47	2.26
71	.77	2.19	.73	.59	1.91	1.27	.82	2.71	2.96	1.73	1.22	2.66	2.71
72	1.08	1.14	.63	1.04	1.01	2.64	1.17	.62	1.55	2.19	2.11	1.67	2.64
MEAN	.222	.793	1.025	1.041	1.103	1.335	1.689	1.966	1.356	1.766	1.732	1.090	3.229
S. D.	.645	.556	.389	.619	.660	.567	1.095	1.881	.765	.791	1.088	.717	1.648
TOTAL OBS.	796	726	795	767	794	774	805	805	801	806	780	820	9469

NOTE * (BASED ON < FULL MONTHS)

1210 WS FORM 0-88.5 (Det 50)
JUL 64

DATA PROCESSING BRANCH
OSAS/ETAC/ML A
AIR WEATHER SERVICE/AC

EXTREME VALUES
XXXXXXXXXXXXXXXXXXXX
MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

13707 STATION DUVAL FFB DELAWARE STATION NAME 42-46, 50-72 YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
47												1.00	
48	*TRACE	*TRACE	*TRACE	*TRACE	*TRACE	2.34	4.94	1.73	3.21	4.60	4.09	1.66	*22.63
49	4.02	1.00	3.23	5.04	2.38	1.46	2.72	4.02	4.34	2.58	5.01	2.14	40.22
50	3.80	2.41	1.73	3.87	2.63	4.71	9.40	1.23	3.94	2.35	3.09	6.78	45.62
51	2.47	2.12	3.00	1.91	6.92	1.70	5.09	3.34	.73				
52								6.34	1.88	2.74	2.15		
53	1.95	2.18	2.68	2.50	3.71	3.17	2.41	2.91	2.17	3.69	6.51	6.63	43.71
54	4.82	1.87	4.82	6.98	5.41	2.43	3.34	9.78	1.26	.71	4.83	3.58	49.83
55	4.43	3.07	4.09	3.33	7.06	2.78	1.80	4.79	.87	2.83	1.98	2.86	43.79
56	2.09	1.51	3.70	2.68	3.48	.71	1.74	2.42	4.52	2.18	4.39	3.09	33.11
57	.34	4.10	3.80	2.58	1.81	3.81	.77	12.26	1.43	2.07	1.99	.47	37.43
58	1.86	2.99	4.05	1.63	1.51	3.22	5.12	3.41	2.67	5.63	8.61	3.67	44.37
59	2.07	3.04	3.20	1.91	1.22	2.84	.93	3.21	3.55	2.27	6.24	4.00	35.08
60	2.74	5.28	7.16	3.92	5.47	2.82	7.80	11.00	2.13	2.83	3.16	2.61	56.92
61	1.88	1.74	3.78	3.46	.97	1.47	12.60	4.81	2.23	4.23	6.03	2.85	46.03
62	2.01	4.04	1.06	2.44	2.99	.86	7.08	4.28	7.37	1.64	1.28	2.88	37.93
63	2.73	5.05	5.09	3.30	4.33	4.23	3.36	2.28	2.26	3.47	2.07	3.17	41.31
64	3.01	2.73	2.98	3.70	1.62	2.05	1.69	2.30	2.67	1.16	3.23	2.02	31.10
65	1.86	1.95	4.34	.48	2.40	2.69	1.26	4.78	3.40	.01	3.22	1.79	30.34
66	4.10	5.19	2.79	5.33	.55	.63	2.18	1.30	4.19	2.26	1.56	3.38	33.66
67	3.20	1.50	3.87	2.11	1.20	1.54	2.04	3.19	2.03	.92	.52	.09	22.01
68	3.53	1.80	1.37	3.07	3.16	2.67	1.37	.97	6.61	6.86	1.24	4.40	38.89
69	1.91	4.24	3.73	2.40	4.09	2.85	3.17	16.57	3.76	2.28	2.23	6.97	54.20
70	1.97	1.45	5.61	2.27	5.08	3.10	2.08	1.27	1.44	3.68	4.45	3.02	*35.42
71	1.90	2.80	4.08	3.40	2.12	3.94	9.10	3.93	2.75	1.18	2.03	8.07	45.27
72	1.30	1.83	3.54	4.62	1.37	4.33	3.14	2.52	.88	3.05	3.15	3.57	33.30
73	2.45	6.11	3.00	1.48	4.83	1.52	2.73	10.48	7.70	4.69	4.20	3.26	52.19
74	3.17	4.72	2.06	4.13	3.30	6.57	2.49	.86	2.84	5.52	7.03	5.04	*47.73
MEAN	2.727	2.968	3.528	3.007	3.100	2.869	3.937	4.607	3.240	2.864	3.803	3.379	40.093
S. D.	1.177	1.512	1.538	1.496	1.965	1.541	2.931	4.014	1.940	1.668	2.057	1.975	6.081
TOTAL OBS.	796	724	795	767	794	774	805	805	801	800	780	820	9469

NOTE: * (BASED ON < FULL MONTHS)

1210 WS FORM JUL 64 0-88.5 (Det 50)

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOWFALL
(FROM DAILY OBSERVATIONS)

13707 DOVER AFB DELAWARE

42-46, 50-72

STATION

STATION NAME

YEARS

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP.	NONE	TRACE	01	.02-.05	06-10	11-25	.26-.50	51-1.00	1 01-2 50	2.51-5 00	5 01-10 00	10 01-20 00	OVER 20 00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0 1 0 4	0 5 1 4	1 5 2 4	2 5 3 4	3 5 4 4	4 5 6 4	6 5 10 4	10 5 15 4	15 5 25 4	25 5 50 4	OVER 50 4					
SNOW- DEPTH	NONE	TRACE	1	2	3	4 6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	76.7	11.5	4.2	4.1	1.1	.6	.6	1.0	.3					11.8	713	5.4	21.5	TRACE
FEB	75.4	14.9	2.0	3.4	1.5	.9	.8	.8	.2	.2				9.7	650	5.7	32.9	TRACE
MAR	85.7	9.5	2.0	1.1	.6	.3	.3	.3	.3					4.8	713	2.4	12.3	.0
APR	97.2	2.0	.4	.4	.1									.7	699	.2	2.2	.0
MAY	100.0														713	.0	.0	.0
JUN	100.0														690	.0	.0	.0
JUL	100.0														712	.0	.0	.0
AUG	100.0														712	.0	.0	.0
SEP	100.0														711	.0	.0	.0
OCT	99.2	.8													713	TRACE	TRACE	.0
NOV	94.5	4.6	.1	.1	.3			.1	.1					.9	690	.8	9.0	.0
DEC	84.9	10.5	1.8	1.4	.7	.7	.1	.1	.1					5.0	713	2.3	11.2	TRACE
ANNUAL	92.8	4.5	.8	.9	.4	.2	.1	.2	.1	.0				2.7	8420	16.8	×	×

DATA PROCESSING BRANCH
USAF/ETAC/OL A
AIR WEATHER SERVICE/MAC

EXTREME VALUES SNOWFALL

(FROM DAILY OBSERVATIONS)

15707 DOWEL AFB DELAWARE

42-46, 50-72

STATION

STATION NAME

YEARS

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
42													
43													
44													
45													
46	6.2	1.0	.0	.0	.0	.0	.0	.0*	.0	.0	TRACE	TRACE	
50													
51	3.8	.7	.4	.0	.0	.0	.0	.0	.0	.0	TRACE	.2	3.8
52	3.3	1.6	1.0	TRACE	.0	.0	.0	.0	.0	TRACE	1.1	TRACE	3.3
53	.9	1.0	2.0	TRACE	.0	.0	.0	.0	.0	.0	4.7	TRACE	4.7
54	6.6	TRACE	.1	TRACE	.0	.0	.0	.0	.0	.0	TRACE	.2	6.6
55	1.0	4.3	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	.4	4.3
56	1.1	TRACE	6.5	2.2	.0	.0	.0	.0	.0	.0	TRACE	TRACE	6.5
57	2.1	2.3	TRACE	1.1	.0	.0	.0	.0	.0	TRACE	TRACE	2.0	2.3
58	.5	6.0	4.0	TRACE	.0	.0	.0	.0	.0	.0	TRACE	3.0	6.0
59	2.1	TRACE	TRACE	.4	.0	.0	.0	.0	.0	.0	TRACE	.6	2.1
60	TRACE	2.0	5.1	TRACE	.0	.0	.0	.0	.0	TRACE	TRACE	5.1	5.1
61	4.0	3.2	TRACE	.0	.0	.0	.0	.0	.0	.0	1.6	.9	4.0
62	6.3	3.2	TRACE	.0	.0	.0	.0	.0	.0	TRACE	TRACE	2.8	6.3
63	1.1	1.0	.3	.0	.0	.0	.0	.0	.0	.0	TRACE	1.7	1.7
64	5.8	3.6	2.5	1.0	.0	.0	.0	.0	.0	.0	TRACE	.8	5.8
65	4.3	2.1	4.1	1.1	.0	.0	.0	.0	.0	.0	.0	TRACE	4.3
66	6.8	4.4	TRACE	TRACE	.0	.0	.0	.0	.0	.0	TRACE	9.1	9.1
67	2.0	11.0	TRACE	.0	.0	.0	.0	.0	.0	.0	9.0	3.8	11.0
68	.7	3.0	1.5	.0	.0	.0*	.0	.0	.0	.0	TRACE	.5	3.0
69	.1	.3	7.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	.7	7.0
70	3.4	2.5	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	1.8	3.4
71	5.1	.7	.3	TRACE	.0	.0	.0	.0	.0	.0	TRACE	TRACE	5.1
72	.8	4.4	TRACE	TRACE	.0	.0	.0*	.0	.0	TRACE	TRACE	TRACE	4.4
MEAN	2.97	2.63	1.51	.25	.00	.00	.00	.00	.00	TRACE	.71	1.46	5.00
S D	2.305	2.546	2.249	.562	.000	.000	.000	.000	.000	.000	2.060	2.174	2.232
TOTAL OBS	712	690	713	690	713	690	712	712	711	713	690	712	8420

NOTE * (BASED ON 6 FULL MONTHS)

USAF ETAC FORM 0-88-5 (OUI)

DATA PROCESSING BRANCH
USAF/ETAC/DL A
AIR WEATHER SERVICE/MAC

XXXXXXXXXXXXXXXXXXXX
EXTREME VALUES
MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

13707
STATION

DUYEF AFB DELAWARE
STATION NAME

42-46, 50-72
YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
42													
43													
44													
45													
46	7.2	2.0	.0	.0	.0	.0	.0	.0*	.0				
50									.0	.0	TRACE	TRACE	
51	5.8	.3	.4	.0	.0	.0	.0	.0	.0	.0	TRACE	.2	7.3
52	5.1	1.6	1.5	TRACE	.0	.0	.0	.0	.0	TRACE	1.2	TRACE	9.4
53	1.4	1.0	3.0	TRACE	.0	.0	.0	.0	.0	.0	7.0	TRACE	12.4
54	7.1	TRACE	.1	TRACE	.0	.0	.0	.0	.0	.0	TRACE	.4	7.6
55	1.9	7.7	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	.4	10.0
56	3.1	TRACE	9.7	2.2	.0	.0	.0	.0	.0	.0	TRACE	TRACE	15.0
57	6.6	4.4	TRACE	1.1	.0	.0	.0	.0	.0	TRACE	TRACE	2.1	14.2
58	.5	15.0	7.1	TRACE	.0	.0	.0	.0	.0	.0	TRACE	5.1	28.7
59	3.1	TRACE	TRACE	.4	.0	.0	.0	.0	.0	.0	TRACE	.6	4.1
60	TRACE	5.7	12.3	TRACE	.0	.0	.0	.0	.0	TRACE	TRACE	6.8	24.8
61	10.0	3.4	TRACE	.0	.0	.0	.0	.0	.0	.0	1.5	1.2	18.2
62	8.9	8.6	TRACE	.0	.0	.0	.0	.0	.0	TRACE	TRACE	3.7	23.2
63	2.4	1.2	.3	.0	.0	.0	.0	.0	.0	.0	TRACE	2.1	6.0
64	9.0	10.4	3.8	1.0	.0	.0	.0	.0	.0	.0	TRACE	.8	25.0
65	10.7	3.2	6.4	1.1	.0	.0	.0	.0	.0	.0	.0	TRACE	21.5
66	21.5	7.6	TRACE	TRACE	.0	.0	.0	.0	.0	.0	TRACE	11.2	40.3
67	2.6	32.9	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	9.0	53.6
68	1.9	4.3	1.7	.0	.0	.0*	.0	.0	.0	.0	TRACE	.3	* 8.6
69	.2	.3	6.3	.0	.0	.0	.0	.0	.0	TRACE	TRACE	1.3	10.3
70	8.5	2.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	4.1	15.4
71	6.0	.9	.3	TRACE	.0	.0	.0	.0	.0	.0	TRACE	TRACE	7.2
72	1.1	13.5	TRACE	TRACE	.0	.0	.0*	.0	.0	TRACE	TRACE	TRACE	* 14.6
MEAN	5.42	5.65	2.39	2.25	.00	.00	.00	.00	.00	TRACE	.62	2.29	17.15
S.D.	4.853	7.342	3.714	.562	.000	.000	.000	.000	.000	.000	2.322	3.263	12.018
TOTAL OBS.	713	638	713	690	713	690	712	712	711	713	690	713	8420

NOTE * (BASED ON < FULL MONTHS)

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/HAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOW DEPTH
(FROM DAILY OBSERVATIONS)

13707
STATION

DOVER AFB DELAWARE
STATION NAME

42-46, 50-72
YEARS

	AMOUNTS (INCHES)														PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP.	NONE	TRACE	01	02-05	06-10	11-25	26-.50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000	MEAN			GREATEST	LEAST	
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4						
SNOW- DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120						
JAN	95.9	8.7	4.1	2.9	2.6	3.6	2.6	.2						15.9	806				
FEB	79.3	6.4	4.2	3.4	1.1	2.6	2.3	.7						14.3	735				
MAR	92.4	2.6	1.6	1.1	1.1	1.2	.5							5.6	806				
APR	99.1	.8	.1											.1	780				
MAY	100.0														806				
JUN	100.0														780				
JUL	100.0														505				
AUG	100.0														805				
SEP	100.0														801				
OCT	100.0														806				
NOV	98.8	.8	.1	.1		.1								.4	780				
DEC	86.1	6.7	2.8	1.7	.5	.7	1.4		.1					7.2	834				
ANNUAL	94.3	2.1	1.1	.8	.4	.7	.5	.1	.0					3.6	9516				

EXTREME VALUES

545. 1000

(FROM DAILY OBSERVATIONS)

15747

DEVE. AFB DELAWARE

42-K6, 50-72

STATION

STATION NAME

YEARS

DAILY SNOW DEPTH IN INCHES

MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
42												*	2
43	TRACE	0	2	0	0	0	0	0	0	0	TRACE	0	2
44	3	TRACE	3	TRACE	0	0	0	0	0	0	0	TRACE	3
45	TRACE	2	0	0	0	0	0	0	0	0	TRACE	34	76
46	6	5	0	0	0	0	0	0*	0				
47									0		0	TRACE	
51	TRACE	1	TRACE	0	0	0	0	0	0	0	0	0	1
52	2	2	1	0	0	0	0	0	0	0	0	TRACE	2
53	1	TRACE	2	0	0	0	0	0	0	0	0	TRACE	4
54	7	0	0	0	0	3	0	0	0	0	0	TRACE	7
55	1	4	0	0	0	0	0	0	0	0	TRACE	0	4
56	2	0	4	TRACE	0	0	0	0	0	0	0	0	4
57	2	1	0	TRACE	0	0	0	0	0	0	0	2	3
58	5	7	3	0	0	0	0	0	0	0	0	2	7
59	2	TRACE	TRACE	0	0	0	0	0	0	0	0	1	2
60	0	2	3	0	0	0	0	0	0	0	0	0	0
61	9	6	0	0	0	0	0	0	0	0	1	1	9
62	4	3	1	0	0	0	0	0	0	0	0	1	4
63	1	1	0	0	0	0	0	0	0	0	0	2	2
64	9	6	3	1	0	0	0	0	0	0	0	1	9
65	5	2	3	0	0	0	0	0	0	0	0	0	5
66	16	19	0	0	0	0	0	0	0	0	0	10	19
67	2	11	0	0	0	0	0	0	0	0	0	0	11
68	3	1	3	0	0	0*	0	0	0	0	0	5	5
69	2	2	12	0	0	0	0	0	0	0	0	0	12
70	7	2	0	0	0	0	0	0	0	0	0	1	7
71	3	TRACE	TRACE	0	0	0	0	0	0	0	0	0	3
72	1	3	0	TRACE	0	0	0*	0	0	0	0	0	3
MEAN	3.7	3.2	1.7	.0	.0	.0	.0	.0	.0	.0	.2	2.3	6.2
S. D.	5.937	4.287	2.836	.194	.000	.000	.000	.000	.000	.000	.874	3.124	7.299
TOTAL OBS.	460	785	806	780	806	780	803	803	801	864	780	336	9540

NOTE * (BASED ON 4 FULL MONTHS)

1210 WS FORM 0-88-5 (Det 50)
JUL 64

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART C

SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through June 1968, and in tens of degrees starting in July 1968. The extreme is selected and printed from available peak gusts for each year-month, however an asterisk (*) is printed in the data block if less than 90% (3 or more missing observations) of the peak gusts are available for the month. An ALL MONTHS value is presented when every month of the year has valid observations. Means and standard deviations are also computed when four or more values are present for any column. A total raw count of valid observations is presented for each month and ALL MONTHS.

NOTE: According to Federal Meteorological Handbook No. 1 specifications (formerly Circular N), "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both directions and speed, and in addition the mean wind speed is given for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VRBL.

- a. Three tables are prepared for ALL WEATHER surface winds, all years combined, by: (1) Annual - all hours combined, (2) By month - all hours combined, and (3) By month - by standard 3-hour groups.
- b. A separate annual table is also presented for surface winds meeting INSTRUMENT CLASS conditions as follows: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

NOTE: A percentage frequency of ".0" in these tables represents one or more occurrences amounting to less than ".05" percent.

EXTREME VALUES

SURFACE WINDS

(FROM DAILY OBSERVATIONS)

13707	NOV 67 AFB DELAWARE
STATION	STATION NAME

42-46, 55-72

YEAR

DAILY PEAK GLSTS IN KNOTS

[illegible]

NOTES * (BASED ON 6 FULL MONTHS)

* (BASED ON \leq FULL MONTHS AND +100 KNOTS)

USAF ETAC FORM 0-88.5 (OCT 64)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13767 DOVER AFB DELAWARE 42-46, 50-72 ALL
STATION STATION NAME YEARS MONTH
ALL WEATHER ALL
CLASS HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	2.0	2.4	1.2	.2	.1	.0	.0				6.8	7.8
NNE	.4	1.1	1.3	.7	.1	.0	.0	.0	.0			3.6	8.1
NE	.4	1.0	1.4	.7	.1	.0	.0					3.4	8.3
ENE	.3	.7	.9	.5	.1	.0	.0	.0				2.6	8.5
E	.0	1.5	1.7	.7	.1	.1	.0	.0	.0			4.7	7.8
ESE	.5	1.3	1.7	.7	.1	.0	.0	.0				4.2	7.8
SE	.6	1.5	1.8	.7	.1	.0	.0	.0				4.8	7.6
SSE	.7	1.2	.8	.2	.0	.0	.0	.0				3.0	6.2
S	1.8	2.0	2.2	.9	.1	.0	.0	.0				7.3	6.5
SSW	.5	2.0	2.1	1.2	.2	.1	.0	.0				6.5	7.9
SW	1.0	2.4	2.6	1.3	.3	.1	.0	.0			.0	7.7	7.9
WSW	.8	1.6	1.7	.8	.1	.0	.0					5.0	7.5
W	1.1	2.7	2.9	1.8	.5	.2	.0	.0				9.1	8.5
WNW	.9	1.4	2.2	2.1	.6	.2	.0	.0				6.9	10.2
NW	.7	1.9	2.7	2.2	.7	.2	.0	.0				8.4	9.5
NNW	.6	1.4	1.8	1.3	.3	.1	.0	.0				5.6	8.9
VARBL													
CALM												10.2	
	11.5	26.2	30.3	17.0	3.6	1.1	.1	.0	.0		.0	100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 227544

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13707
STATION

DOVER AFB DELAWARE
STATION NAME

43-46, 51-72
YEARS

JAN
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	2.1	2.4	1.3	.3	.1	.0					7.0	8.3
NNE	.4	.0	1.4	1.5	.3	.0						4.2	9.3
NE	.4	.0	1.2	1.1	.1	.1						3.7	9.0
ENE	.3	.5	.6	.4	.1	.0	.0					1.9	8.5
E	.1	.4	.8	.4	.1	.1	.5	.0	.0			2.8	8.1
ESE	.4	.7	.6	.1	.0							1.8	6.1
SE	.5	.9	.7	.1	.0	.0						2.2	6.1
SSE	.0	.8	.5	.2	.0	.0						2.1	6.1
S	1.3	2.4	1.5	.7	.2	.1		.0				6.1	6.9
SSW	.7	1.7	2.0	1.0	.3	.1	.0	.0				5.6	8.4
SW	.9	1.9	2.0	1.4	.3	.2	.0					6.7	8.6
WSW	.9	1.4	1.7	.8	.1	.0	.0					5.6	8.0
W	.8	3.0	3.6	2.7	.8	.4	.0					11.4	9.7
WNW	.4	1.3	3.4	4.0	1.2	.4	.0					11.1	11.4
NW	.6	2.2	4.2	4.0	1.3	.4	.1	.0				13.0	10.9
NNW	.3	1.6	2.1	1.7	.5	.1	.0					6.7	9.4
VARBL													
CALM												8.9	
	9.0	23.4	28.7	21.1	6.0	2.1	.2	.0	.0			100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 19204

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13707

DOVER AFB DELAWARE

43-46, 51-72

FEB

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

ALL

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	1.9	2.5	1.8	.4	.1	.0					7.6	8.7
NNE	.4	1.2	1.3	.6	.1	.0						3.4	7.9
NE	.3	1.0	1.2	.7	.1	.1						3.4	7.9
ENE	.6	.7	.9	.6	.1	.1						2.7	8.9
E	.6	1.4	1.5	.8	.2	.1	.0					4.6	8.1
ESE	.4	1.1	1.2	.4	.0	.0	.0					3.1	7.3
SE	.8	1.1	1.2	.4	.0	.0						3.3	7.0
SSE	.6	.8	.6	.2	.0	.0						2.2	6.2
S	.8	1.6	1.6	.9	.2	.1	.0					5.2	8.1
SSW	.9	1.0	1.4	1.0	.3	.2	.1	.0				4.6	9.9
SW	.1	1.3	1.6	1.3	.2	.2	.0					5.6	9.2
WSW	.5	1.2	1.2	1.0	.1	.1						4.2	8.6
W	.9	2.4	3.2	2.8	1.5	.5	.1	.0				11.1	10.6
WNW	.4	1.5	2.8	3.8	1.3	.6	.1	.0				10.3	12.0
NW	.1	1.8	3.4	3.4	1.8	.8	.1	.0				12.0	11.8
NNW	.7	1.5	2.3	2.4	.7	.2	.0					7.7	10.1
VARBL													
CALM												8.8	
	9.1	21.6	28.3	21.7	7.1	2.9	.3	.0				100.0	9.8

TOTAL NUMBER OF OBSERVATIONS

17498

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13707

DOVEF AFB DELAWARE

43-46, 51-72

JAN

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

ALL

CLASS

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N	.0	1.9	2.8	1.7	.4	.2	.0					7.8	9.0
NNE	.3	.4	1.3	.8	.2	.0						3.9	8.9
NE	.4	1.0	1.2	.7	.3	.1						3.7	8.9
ENE	.3	.8	1.0	.6	.3	.1	.0	.0				3.1	9.6
E	.5	1.5	1.9	1.3	.2	.1	.0					5.5	8.8
ESE	.5	1.1	1.8	1.2	.1	.0	.0					4.7	8.7
SE	.5	1.1	1.5	.9	.3	.0	.0	.0				4.3	9.0
SSE	.5	.9	.8	.3	.0	.0	.0					2.5	6.6
S	1.0	1.6	1.7	1.0	.2	.1	.0					3.8	8.0
SSW	.4	1.1	1.8	1.3	.3	.1	.0					5.3	9.1
SW	.6	1.3	1.8	1.9	.3	.1	.0					5.0	9.2
WSW	.5	1.1	1.3	.9	.2	.0	.0					4.0	8.6
W	1.0	2.2	3.1	2.8	.8	.3	.1					10.0	9.3
WNW	.3	1.3	2.6	3.8	1.2	.4	.0					9.6	11.6
NW	.5	1.8	3.4	3.9	1.4	.2	.0					11.2	11.1
NNW	.4	1.4	2.2	2.0	.6	.3	.0					6.8	10.3
VARBL													
CALM												6.6	
	8.2	20.6	30.2	24.6	6.8	2.1	.3	.0				100.0	9.0

TOTAL NUMBER OF OBSERVATIONS

19260

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13707
STATION

DOVER AFB DELAWARE
STATION NAME

43-46, 51-72
YEARS

APR
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.7	2.4	1.4	.3	.0						6.4	8.6
NNE	.4	1.0	1.1	.7	.1	.0						3.3	8.2
NE	.3	.7	1.3	.7	.4	.0						3.2	9.1
ENE	.2	.7	1.0	.6	.1	.0						2.7	8.8
E	.6	1.7	2.0	1.1	.2	.1						5.7	8.4
ESE	.4	1.5	2.4	1.2	.3	.0						5.7	8.6
SE	.6	1.7	2.2	1.2	.2	.1	.0					6.0	8.3
SSE	.0	1.2	1.0	.9	.0	.0	.0	.0				3.3	7.1
S	1.2	2.0	2.3	1.3	.2	.1	.0					7.1	7.7
SSW	.6	1.7	2.0	1.6	.3	.0						6.4	9.0
SW	.8	2.1	2.2	1.8	.4	.2	.0	.0				7.5	9.0
WSW	.6	1.3	1.6	1.3	.2	.0						5.0	8.4
W	.8	2.1	2.9	2.4	.5	.2	.0					8.5	9.2
WNW	.4	1.3	2.3	2.4	.1	.3	.0					7.2	10.8
NW	.5	1.7	2.9	2.7	.9	.3	.0	.0				9.0	10.6
NNW	.4	.9	1.9	1.7	.3	.1	.0					5.3	9.9
VARBL													
CALM												7.2	
	9.1	23.2	31.4	22.7	4.9	1.4	.1	.0				100.0	8.4

TOTAL NUMBER OF OBSERVATIONS 18568

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13707
STATION

DUVER AFB DELAWARE
STATION NAME

43-46, 51-72
YEARS

MAY
MONTH

ALL WEATHER
CLASS

ALL
NCURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	1.8	2.0	1.0	.4	.0						5.8	7.5
NNE	.4	1.0	1.2	.6	.1	.0						3.2	7.7
NE	.3	1.1	1.5	.6	.1	.0						3.9	8.0
ENE	.3	.7	1.3	.6	.2	.0						3.1	8.5
E	.6	1.6	2.7	1.1	.2	.1	.0					6.3	8.5
ESE	.5	1.6	2.8	1.0	.1	.0						6.0	7.9
SE	.7	1.8	3.0	1.4	.2							7.1	8.2
SSE	.6	1.2	1.1	.4	.0	.0						3.9	6.8
S	1.1	2.3	2.4	1.3	.2	.0						7.8	7.5
SSW	.8	2.1	3.0	1.4	.2	.1						7.8	8.3
SW	.8	2.4	3.0	1.8	.4	.1	.0					8.5	8.5
WSW	.7	1.6	1.9	.9	.1	.0	.0					3.3	7.9
W	.9	2.3	2.2	1.7	.2	.0						8.4	8.2
WNW	.1	1.1	1.8	1.4	.2	.0						5.1	8.9
NW	.5	1.2	2.3	1.6	.3	.1	.0					6.0	9.1
NNW	.5	1.1	1.7	1.1	.1							4.5	8.5
VARBL													
CALM												7.9	
	10.3	25.1	35.4	18.0	2.8	.6	.0					100.0	7.5

TOTAL NUMBER OF OBSERVATIONS

19232

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0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13707

DOVER AFB DELAWARE

43-46, 51-72

JUL

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

ALL

HOURE (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	2.0	1.8	.4	.0		.0					5.2	6.3
NNE	.4	.8	.9	.3	.0							2.5	6.8
NE	.4	1.0	1.1	.4	.0							2.9	7.2
ENE	.3	.6	.7	.2	.0							1.8	6.6
E	.8	1.5	1.5	.4	.0							4.1	6.5
ESE	.5	1.5	2.3	.4	.0							5.2	7.6
SE	1.1	2.3	2.9	.9	.1	.0	.0					7.3	7.2
SSE	1.0	1.9	1.3	.2	.0	.0						4.5	5.7
S	2.0	3.8	3.0	.7	.0							9.5	6.1
SSW	1.3	3.2	3.1	1.0	.1	.0						8.7	6.9
SW	1.7	3.9	3.9	1.6	.2	.0	.0					11.2	7.2
WSW	1.1	2.3	2.1	.6	.0	.0						6.0	6.5
W	1.4	3.1	2.5	.6	.1							7.7	6.4
WNW	.5	1.1	1.1	.4	.1	.0						3.3	7.1
NW	.6	1.7	1.5	.5	.0	.0						4.3	6.8
NNW	.6	1.2	1.0	.3	.0							3.2	6.4
VARBL													
CALM												12.5	
	14.9	32.0	30.4	9.3	.7	.1	.0					100.0	5.9

TOTAL NUMBER OF OBSERVATIONS

19180

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13707

DOVER AFB DELAWARE

43-46, 51-72

AUG

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

ALL

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	2.2	2.1	.6	.0	.0						6.4	6.3
NNE	.5	1.3	1.4	.3	.0	.0	.0					3.6	6.6
NE	.4	1.0	1.2	.4	.1	.0	.0					3.2	7.7
ENE	.3	.8	.9	.4	.0	.0	.0					2.4	7.5
E	.7	1.8	1.5	.5	.0	.0						4.5	6.7
ESE	.8	1.7	2.1	.7	.1	.0	.0	.0				5.2	7.5
SE	.9	1.8	2.7	.7	.1	.0						6.4	7.4
SSE	1.1	1.3	1.1	.2	.0	.0						3.9	5.7
S	2.3	3.7	2.5	.5	.0	.0						9.7	5.7
SSW	1.6	2.9	2.5	.9	.1	.0						8.0	6.4
SW	1.7	3.1	3.4	.9	.1	.0						9.1	6.7
WSW	1.3	1.9	1.6	.5	.0							5.3	6.3
W	1.7	2.7	2.4	.5	.0							7.3	6.1
WNW	.6	1.2	1.2	.5	.1	.0						3.6	7.1
NW	1.0	1.9	1.7	.7	.1	.0						5.3	6.8
NNW	.7	1.7	1.3	.4	.1							4.1	6.6
VARBL													
CALM												12.7	
	16.9	31.0	29.6	8.7	.9	.2	.0	.0				100.0	5.8

TOTAL NUMBER OF OBSERVATIONS

19261

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13707
STATION

DOVER AFB DELAWARE
STATION NAME

43-46, 50-72
YEARS

SEP
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	2.6	3.4	1.2	.1	.0	.0					8.6	7.3
NNE	.4	1.4	1.8	1.8	.1	.0	.0	.0	.0			4.8	3.4
NE	.4	1.5	2.4	1.1	.2	.0	.0					3.6	3.5
ENE	.3	.8	1.4	.9	.1	.0	.0	.0				3.7	2.5
E	.7	1.8	2.0	1.0	.2	.0	.0	.0				5.7	3.0
ESE	.5	1.5	1.9	.9	.1	.0	.0					4.8	2.9
SE	.7	1.6	2.0	.8	.1	.0						5.1	2.5
SSE	.7	1.2	.8	.1	.0	.0						2.8	3.8
S	2.0	3.3	2.6	.7	.1							8.7	6.1
SSW	1.2	2.4	2.1	.9	.1	.0	.0					6.7	7.0
SW	1.2	2.3	2.7	1.1	.1	.0						7.4	7.3
WSW	.8	1.5	1.1	.4	.0	.0						3.9	6.4
W	1.2	2.2	1.6	.5	.1							5.7	6.3
WNW	.4	1.0	1.2	.5	.1	.0						3.2	7.6
NW	.8	1.8	2.1	.9	.1	.0	.0	.0				5.7	7.2
NNW	.7	1.8	1.8	.5	.2	.0		.0				3.0	6.9
VARBL													
CALM												12.7	
	13.3	28.5	30.9	12.5	1.7	.3	.1	.1	.0			100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 19169

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13707
STATION

DOVER AFB DELAWARE
STATION NAME

43-45, 50-72
YEARS

OCT
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	2.6	3.0	1.4	.3	.0						8.6	7.7
NNE	.5	1.4	2.0	1.0	.2	.1	.0					5.3	8.6
NE	.4	1.2	1.9	1.1	.2	.0	.0					4.8	8.7
ENE	.4	1.0	1.2	.9	.1	.1	.0					3.4	8.7
E	.8	1.7	1.5	.6	.1	.0						4.7	7.1
ESE	.5	1.1	1.3	.4	.0	.0						3.4	7.1
SE	.5	1.0	1.3	.5	.1	.0	.0					4.0	7.0
SSE	.6	1.2	.7	.2	.0	.0	.0					2.7	6.0
S	1.5	2.6	1.7	.6	.0	.0						6.4	6.0
SSW	.9	1.9	1.0	.8	.1	.0		.0				5.3	7.0
SW	.9	2.2	2.2	.9	.1	.0	.0	.0			.0	6.3	7.3
WSW	.7	1.8	1.8	.7	.1	.0	.0					5.0	7.2
W	1.0	3.1	2.6	1.1	.2	.0						7.9	7.1
WNW	.5	1.5	2.0	1.3	.4	.0	.0					5.6	8.6
NW	.7	2.0	2.5	1.7	.1	.1	.0					7.3	8.7
NNW	.6	1.5	2.2	1.5	.3	.1	.0					6.3	8.9
VARBL													
CALM												12.6	
	11.8	20.3	29.6	14.6	2.3	.5	.1	.0			.0	100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 19236

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13707
STATION

DOVER AFB DELAWARE
STATION NAME

43-45, 50-72
YEARS

NNV
NORTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.7	2.1	1.2	.4	.0						6.0	7.6
NNE	.5	1.0	1.1	.6	.0	.0	.0					3.4	7.8
NE	.3	.8	.9	.4	.1	.0	.0					2.5	7.7
ENE	.3	.7	.6	.2	.0	.0	.0					1.9	7.2
E	.6	1.4	1.3	.4	.1	.1	.0					3.8	7.0
ESE	.5	1.2	1.0	.4	.1	.1	.0					3.2	7.6
SE	.0	1.1	1.0	.4	.1	.0	.0					3.3	7.1
SSE	.6	1.1	.8	.2	.0	.0						2.6	6.0
S	1.5	2.7	2.1	1.1	.2	.0						7.7	7.1
SSW	.8	1.8	1.8	1.2	.3	.1	.0	.0				6.1	8.4
SW	.9	2.2	1.8	1.0	.3	.2	.0					6.4	7.8
WSW	.8	1.9	1.2	.8	.1	.0	.0					4.1	6.9
W	1.1	3.0	3.2	2.2	.4	.2	.0					10.1	8.6
WNW	.5	1.7	3.2	3.2	.8	.2	.0					9.6	10.3
NW	.8	2.2	3.4	3.0	.8	.3	.0					10.6	10.0
NNW	.7	1.8	2.2	1.0	.4	.2	.0					7.1	9.2
VARBL													
CALM												11.6	
	11.6	25.9	27.6	17.8	4.0	1.2	.1	.0				100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 18640

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13707
STATION

DDVEK AFB DELAWARE
STATION NAME

42-43, 50-72
YEARS

DEC
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	2.1	2.4	1.4	.3	.1	.0					7.2	8.1
NNE	.5	1.1	1.0	.8	.2	.0	.0					3.7	8.3
NE	.4	1.0	1.0	.4	.1	.0						3.0	7.6
ENE	.4	.8	.7	.4	.0	.0						2.3	7.3
E	.7	1.0	.8	.3	.1	.0	.0					2.9	6.9
ESE	.4	.7	.6	.2	.0	.0						1.9	6.7
SE	.4	.7	.4	.2	.1	.0						1.8	6.9
SSE	.6	.7	.4	.2	.0	.0						1.9	6.0
S	1.3	2.3	1.7	.7	.1	.0	.0					6.2	6.5
SSW	.8	1.9	1.5	1.1	.2	.1	.0					5.5	7.8
SW	1.0	2.2	2.0	1.1	.4	.1	.0					6.8	8.2
WSW	.8	1.9	1.8	1.1	.3	.1	.0					6.0	8.2
W	1.2	3.2	3.9	2.9	.8	.2	.0	.0				12.3	9.2
WNW	.6	1.9	3.2	3.0	1.0	.3	.0					10.0	10.9
NW	.9	2.3	3.4	3.2	1.0	.2	.0					11.1	10.0
NNW	.6	1.4	2.1	1.8	.3	.1						6.2	9.2
VARBL													
CALM												11.3	
	11.3	25.3	26.8	18.7	4.8	1.4	.2	.0				100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 19959

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13707
STATION

DOVER AFB DELAWARE
STATION NAME

43-46, 51-72
YEARS

JAN
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	2.4	2.0	1.4	.4	.1	.0					7.1	8.1
NNE	.4	.8	1.7	1.3	.3	.0						4.5	9.6
NE	.4	.7	1.2	1.0	.3	.2						3.7	9.9
ENE	.4	.7	.0	.5	.0							2.3	7.5
E	.6	.7	.4	.1	.2	.1						2.1	7.3
ESE	.2	.5	.3	.1	.0							1.2	6.7
SE	.3	.8	.6	.0								1.9	5.6
SSE	1.1	1.0	.7	.3	.1							3.1	5.9
S	2.1	2.8	1.4	.5	.1	.1						7.0	5.9
SSW	1.0	1.8	1.6	.8	.5	.1						5.8	8.2
SW	1.7	2.1	2.1	.9	.5	.1						6.8	8.2
WSW	.4	1.7	1.4	.4	.2	.0						4.2	7.8
W	.8	3.3	4.4	2.0	.7	.2						11.4	8.6
WNW	.4	1.6	3.7	3.7	.6	.2						10.1	10.4
NW	1.0	2.0	4.3	3.9	.5	.3	.1					11.6	9.7
NNW	.5	1.4	2.1	1.3	.5	.1	.0					5.9	9.3
VARBL													
CALM												11.5	
	11.7	24.3	28.5	17.6	4.5	1.7	.2					100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 2397

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13707
STATION

DUVER AFB DELAWARE
STATION NAME

43-46, 51-72
YEARS

JAN
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	2.4	2.0	1.2	.4							7.1	7.9
NNE	.5	1.0	1.5	1.3	.4	.1						4.9	9.6
NE	.3	1.0	1.8	1.0	.1	.0						4.3	9.0
ENE	.3	.5	.4	.3	.1							1.6	7.8
E	.4	.5	.6	.3	.2	.1						2.2	8.0
ESE	.3	.4	.3									1.4	5.5
SE	.3	.7	.3									1.4	5.0
SSE	.7	.8	.4	.2								2.1	5.3
S	1.4	2.1	1.3	1.0	.3	.1						6.2	7.4
SSW	1.0	2.1	1.7	.9	.2	.2	.0					6.2	7.9
SW	1.2	2.5	1.7	1.0	.4	.2						6.9	7.9
WSW	.8	1.8	1.7	.9			.0					4.8	6.7
W	1.0	3.7	4.8	2.4	.5	.2						12.7	8.6
WNW	.3	1.7	3.2	2.7	.8	.1						5.5	10.2
NW	.7	2.2	4.5	2.5	1.2	.3						11.4	10.0
NNW	.3	2.0	2.4	1.5	.9	.2						6.1	9.0
VARBL													
CALM												10.8	
	11.1	25.5	28.8	17.0	5.0	1.6	.4					100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 2402

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13707

DOVER AFB DELAWARE

43-46, 51-72

JAN

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

0600-0800

HOURLY (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	2.1	2.0	1.0	.3	.2						6.9	8.1
NNE	.7	1.1	1.6	1.4	.3	.1						5.2	9.0
NE	.5	.7	1.2	1.2	.0							3.8	8.5
ENE	.3	.3	.8	.3	.1	.1						2.2	10.2
E	.4	.6	.6	.2	.0	.1						2.2	7.1
ESE	.1	.3	.2									.3	5.4
SE	.3	.4	.2	.1								1.3	5.0
SSE	.8	1.0	.4	.2								2.1	5.3
S	1.1	2.4	1.8	.6	.3	.1						6.2	7.1
SSW	.8	2.2	1.8	.9	.3	.2	.0					6.2	8.1
SW	1.2	2.5	2.3	1.1	.1	.3						7.6	7.6
WSW	.6	1.7	1.9	.8	.1							5.1	7.3
W	.9	3.7	3.7	1.9	.6	.4						11.2	8.7
WNW	.5	1.4	3.0	3.0	.7	.3						9.0	10.6
NW	.8	3.1	4.0	3.0	1.3	.2						12.6	9.9
NNW	.8	1.7	2.0	1.3	.3	.2						6.4	6.7
VARBL													
CALM												11.5	
	11.0	25.2	28.1	17.2	4.3	2.1	.0					100.0	7.6

TOTAL NUMBER OF OBSERVATIONS

2406

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13707
STATION

DOVER AFB DELAWARE
STATION NAME

43-46, 51-72
YEARS

JAN
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	2.2	2.7	1.4	.3	.2						7.9	8.9
NNE	.4	.8	2.0	1.6	.1	.0						5.0	9.4
NE	.5	1.0	2.0	1.7	.2	.1						4.7	9.1
ENE	.4	.7	.5	.3	.0							1.7	7.5
E	.3	.8	1.2	.3		.2	.1					2.3	9.2
ESF	.4	.6	.3	.2								1.2	6.0
SE	.3	.3	.6	.7								1.5	7.2
SSE	.4	.5	.5	.2								1.6	6.1
S	.7	2.4	1.4	.6	.2							3.3	7.2
SSW	.7	1.1	2.3	1.4	.4	.3	.0	.0				6.2	9.9
SW	.6	1.5	2.3	2.5	.4	.2						7.4	9.9
WSW	.8	1.1	2.2	1.3	.1	.1						5.4	9.1
W	.5	1.8	3.6	2.6	.9	.6	.0					11.0	10.9
WNW	.6	1.1	3.1	4.4	1.7	.9						11.3	12.8
NW	.5	1.5	3.3	4.8	2.7	.6	.1					14.0	12.3
NNW	.6	1.7	2.3	2.9	1.0	.2						8.6	10.6
VARBL													
CALM												5.0	
	7.1	18.7	30.7	26.9	8.0	3.4	.2	.0				100.0	9.7

TOTAL NUMBER OF OBSERVATIONS 2401

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13707
STATION

DUVER AFB DELAWARE
STATION NAME

43-46, 51-72
YEARS

JAN
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N	.4	2.1	2.9	2.1	.3	.2						8.4	9.1
NNE	.2	.5	1.1	1.6	.3							3.2	10.2
NE	.4	.8	1.5	1.2	.2							4.0	8.9
ENE	.1	.2	.7	.3	.0							1.4	8.8
E	.3	1.4	1.2	.6	.1	.1	.0	.0				3.7	8.5
ESE	.2	1.0	.8	.1	.1							2.4	6.7
SE	.5	.7	.6	.2	.2	.0						2.2	8.1
SSE	.1	.2	.3	.1	.1							.8	8.4
S	.3	1.4	1.2	.6	.4	.1		.0				4.3	8.5
SSW	.3	1.0	2.0	1.4	.5	.0						5.2	9.9
SW	.5	1.4	1.7	2.5	.5	.2	.1					6.7	11.2
WSW	.1	.7	1.7	1.7	.3	.1	.0					4.9	10.4
W	.4	1.6	2.7	4.3	1.6	1.1	.1					12.1	12.5
WNW	.4	1.2	3.6	5.5	2.5	.9	.0					14.2	12.9
NW	.3	1.5	4.0	6.4	2.0	.9	.1	.0				15.2	12.7
NNW	.2	1.1	2.0	2.7	1.0	.3						7.2	11.6
VARBL													
CALM												4.1	
	5.2	17.0	28.2	31.0	9.9	4.2	.4	.1				100.0	10.6

TOTAL NUMBER OF OBSERVATIONS 2400

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13707
STATION

DUVER AFB DELAWARE
STATION NAME

43-46, 51-72
YEARS

JAN
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	2.3	2.7	1.4	.2	.0						7.3	8.0
NNE	.2	.0	1.5	1.0	.2	.0						3.7	9.6
NE	.4	1.0	.8	.7	.1							3.0	7.6
ENE	.5	.3	.0	.5	.2							2.0	9.2
E	.6	1.3	1.5	.4	.0		.0	.0	.0			4.3	7.6
ESE	.5	1.3	1.4	.2								3.6	6.4
SE	.6	1.3	1.2	.3	.0							3.6	6.7
SSE	.3	.4	.1	.2		.0						1.1	7.8
S	.6	1.5	.9	.7	.1	.0						3.9	7.8
SSW	.2	1.4	2.2	1.2	.2	.1						5.2	8.9
SW	.6	1.3	2.4	1.3	.3							6.2	8.6
WSW	.1	1.7	2.0	.7	.2	.0						5.2	7.9
W	.5	2.7	4.2	3.0	.9	.5	.2					11.9	10.3
WNW	.5	1.1	2.9	5.7	1.8	.5	.1					12.5	12.6
NW	.4	1.8	4.2	6.1	2.0	.5	.1	.1				15.2	12.1
NNW	.4	1.1	2.3	2.1	.3							6.2	9.6
VARBL													
CALM												5.0	
	7.4	22.1	31.0	25.6	6.3	1.7	.5	.1	.0			100.0	9.2

TOTAL NUMBER OF OBSERVATIONS 2404

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13707
STATION

DOVER AFB DELAWARE
STATION NAME

43-46, 51-72
YEARS

JAN
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	1.5	2.2	.7	.3							5.4	8.1
NNE	.4	1.0	.7	1.1	.2							3.4	9.0
NE	.5	.6	.7	1.0	.0							2.9	8.6
ENE	.3	.3	.4	.7	.0	.1	.0					1.9	9.3
E	.3	1.0	.7	.6	.1		.0	.0				2.7	8.6
ESE	.6	.9	.6	.2								2.3	5.8
SE	1.0	1.6	.8	.2								3.5	5.3
SSE	.8	1.4	.7	.2	.1							3.3	6.1
S	1.8	2.7	1.7	.9	.1	.0						7.3	6.6
SSW	.8	2.2	2.0	.7	.0	.0						5.8	7.0
SW	1.0	2.0	1.8	.7	.1	.1						5.7	7.1
WSW	.7	1.5	1.2	.2	.0							3.7	6.2
W	1.3	3.4	2.8	2.0	.9	.4	.1					10.7	9.0
WNW	.9	2.3	3.8	3.5	.9	.3						11.6	9.9
NW	.7	2.9	4.3	3.0	.9	.2	.0	.0				12.0	9.8
NNW	.7	2.3	2.1	1.1	.2		.0					6.4	7.9
VARBL													
CALM												11.4	
	12.5	27.4	26.5	17.0	3.9	1.1	.2	.1				100.0	7.2

TOTAL NUMBER OF OBSERVATIONS

2404

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13707
STATION

DOVER AFB DELAWARE
STATION NAME

43-46, 51-72
YEARS

JAN
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	2.2	2.3	1.1	.2	.1						6.4	7.9
NNE	.4	.9	1.0	1.2	.3							3.5	5.6
NE	.3	.5	.7	1.3	.8	.1						3.3	10.4
ENE	.4	.8	.6	.3	.1							2.2	7.3
E	.5	.4	.6	.4	.1	.0						2.2	8.1
ESE	.3	.6	.5		.1							1.7	5.6
SE	.5	1.4	.7	.1	.0							2.7	5.6
SSE	.6	1.3	.5	.3	.0							2.8	6.1
S	1.9	3.4	1.9	.7	.3							8.5	6.2
SSW	.4	1.9	2.1	.6	.3	.1						5.8	7.4
SW	.8	1.9	2.1	1.2	.3	.1						6.3	8.3
WSW	.6	1.2	1.5	.3	.1	.0	.1					3.8	7.7
W	1.2	3.4	3.1	2.1	.3	.4						10.6	8.7
WNW	.3	2.1	4.2	3.5	.3	.3						11.2	10.4
NW	.6	2.6	4.2	2.8	1.0	.0	.0					11.3	9.8
NNW	.9	1.9	1.5	1.1	.5							5.9	8.1
VARBL													
CALM												11.7	
	11.1	26.6	27.5	16.9	4.9	1.2	.1					100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 2390

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13707
STATION

DOVER AFB DELAWARE
STATION NAME

43-46, 51-72
YEARS

FEB
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	2.4	2.1	1.9	.3	.1						7.7	8.4
NNE	.5	1.4	1.1	.6	.0							3.6	7.2
NE	.4	.9	1.2	.4	.0							2.9	7.3
ENE	.2	1.1	.8	.8	.2	.1						3.2	9.3
E	.7	1.3	1.2	.5	.1							3.5	7.1
ESE	.4	1.0	.4	.1	.1							2.1	6.1
SE	.7	.3	.6		.0							1.7	5.6
SSE	.9	.5	.5	.1								2.0	5.0
S	1.1	2.9	1.4	.9	.0	.0						6.4	6.6
SSW	.9	1.1	1.6	1.1	.3	.3	.1	.0				5.5	9.7
SW	.9	1.4	1.5	1.2	.4	.3	.0					5.8	9.6
WSW	.7	1.1	1.0	.9	.2	.2						4.2	8.5
W	.8	2.9	3.2	1.9	1.1	.2						10.1	9.4
WNW	.3	2.2	3.6	2.1	.8	.2						9.2	9.3
NW	1.1	2.3	3.4	2.7	1.3	.2	.2					11.5	10.1
NNW	1.1	1.5	2.6	1.9	.4	.3						8.0	9.0
VARBL													
CALM												12.4	
	11.7	24.6	25.3	17.1	5.5	1.9	.4	.0				100.0	7.6

TOTAL NUMBER OF OBSERVATIONS

2189

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13707
STATION

DOVER AFB DELAWARE
STATION NAME

43-46, 51-72
YEARS

FEB
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	2.3	2.6	1.4	.4	.0						8.6	8.1
NNE	.2	1.3	1.1	.5	.2							3.2	8.1
NE	.4	1.0	1.2	.7	.0							3.4	7.8
ENE	.2	.8	1.2	.3	.1							2.7	7.9
E	.5	1.6	1.3	.8	.1	.0						4.4	7.7
ESE	.2	.4	.5	.1								1.2	7.1
SE	.4	.4	.5									1.2	5.4
SSE	.5	.5	.5	.0								1.6	5.6
S	1.1	1.8	1.6	.5	.3	.1	.0					6.8	7.6
SSW	.8	1.5	1.6	.5	.2	.3						4.8	8.1
SW	.7	1.1	1.8	1.1	.2							5.0	8.6
WSW	.7	2.2	.9	.6	.4							4.8	7.5
W	1.4	3.6	3.2	2.2	1.4	.1						11.8	8.9
WNW	.7	2.0	2.8	2.2	.7	.1						8.6	9.5
NW	.6	2.1	3.4	2.8	1.2	.0	.0					10.9	10.7
NNW	1.1	2.0	2.7	2.0	.2	.1						8.0	8.6
VARBL													
CALM												13.8	
	11.1	24.7	26.8	16.6	5.8	1.2	.1					100.0	7.4

TOTAL NUMBER OF OBSERVATIONS

2187

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13707
STATION

DOVER AFB DELAWARE
STATION NAME

43-46, 51-72
YEARS

FEB
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	1.4	2.3	1.4	.3							6.4	7.9
NNE	.5	1.7	1.4	.7	.2	.0						4.4	7.8
NE	.4	1.4	1.9	.6	.1							4.3	7.8
ENE	.2	.9	1.2	.3	.0							2.8	7.9
E	.7	1.1	1.6	1.2	.0							4.7	8.3
ESE	.2	.8	.5	.2								1.7	6.4
SE	.2	.6	.5	.2								1.9	6.8
SSE	.4	.6	.4	.0	.0							1.5	5.7
S	.6	1.6	1.1	.8	.2	.0	.0					4.5	8.1
SSW	.3	1.2	1.8	.9	.1	.0	.0					4.7	8.1
SW	1.0	2.0	2.3	1.1	.4							6.8	8.0
WSW	.6	1.4	1.5	.9	.0							4.4	7.6
W	1.3	2.9	4.3	1.1	1.2	.4	.1					12.1	9.5
WNW	.9	1.6	3.1	3.1	.8	.4		.0				10.0	10.4
NW	1.0	2.2	3.2	2.4	1.0	.8	.0					10.6	10.6
NNW	.6	1.7	2.2	2.3	.5	.2						7.5	10.0
VARBL													
CALM												11.0	
	10.4	23.8	29.2	18.0	5.0	1.9	.2	.0				100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 2189

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13707
STATION

DOVEP AFB DELAWARE
STATION NAME

43-46, 51-72
YEARS

FEB
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	1.9	2.0	2.1	.5	.1						7.8	9.6
NNE	.5	1.5	1.5	.5	.3	.1						4.5	8.3
NE	.5	1.4	1.8	.9	.0							4.6	8.0
ENE	.1	.8	1.5	.4	.0							2.9	8.0
E	.5	1.6	1.9	.9	.5	.0						5.2	8.9
ESE	.5	.6	1.4	.4	.0	.0						3.0	7.6
SE	.5	.9	1.1	.4	.0							2.8	7.1
SSE	.5	.4	.7	.1	.0							1.5	7.7
S	.5	1.1	1.6	.9	.3		.0					4.3	8.7
SSW		.0	1.4	1.5	.1	.2	.0					3.7	11.1
SW	.4	1.1	2.6	1.7	.3	.3						6.4	9.9
WSW	.4	1.0	1.9	1.9	.5							5.6	10.1
W	.5	1.3	2.6	3.9	1.8	.8	.0	.0				11.0	12.5
WNW	.1	1.0	1.8	3.7	2.1	.8	.2					9.6	14.1
NW	.5	1.1	2.7	5.0	2.6	1.2	.2	.0				13.3	13.5
NNW	.4	.8	2.3	3.5	1.6	.3						8.9	12.1
VARBL													
CALM												4.7	
	5.7	16.8	29.8	27.8	10.6	3.9	.5	.1				100.0	10.4

TOTAL NUMBER OF OBSERVATIONS

2188

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/HAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13707

DOVER AFB DELAWARE

43-46, 51-72

FEB

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

1200-1400

CLASS

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.6	2.9	2.8	.6	.1						7.9	9.7
NNE	.2	.8	1.8	.4	.2							3.4	8.5
NE	.2	1.4	1.0	.8								3.0	8.3
ENE	.4	.8	.8	.5	.1							2.6	7.9
E	.7	1.3	2.0	.9	.5	.0						5.9	8.8
ESE	.4	1.2	2.3	.8	.0							4.8	7.9
SE	.1	1.3	1.6	.8	.0							3.9	8.1
SSE	.2	.3	.3	.3								1.3	8.0
S	.1	.1	1.6	1.0	.3	.1	.0					3.7	10.5
SSW	.2	.4	1.2	1.3	.3	.3	.0					4.2	12.8
SW	.1	.9	1.7	2.2	.5	.3	.0					5.9	11.6
WSW	.2	.7	1.2	1.9	.2	.1						4.3	10.7
W	.3	.7	3.3	4.8	1.9	.9	.2					12.4	13.8
WNW	.2	.8	2.1	5.4	2.5	1.6	.2					12.7	14.9
NW	.3	1.3	3.5	4.8	3.3	1.6	.1					14.9	14.0
NNW	.2	.8	2.1	2.4	1.0	.3	.0					7.0	11.9
VARBL													
CALM												2.7	
	4.6	14.4	29.6	30.4	11.7	5.5	1.0					100.0	11.3

TOTAL NUMBER OF OBSERVATIONS

2186

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13707
STATION

DOVER AFB DELAWARE
STATION NAME

43-46, 51-72
YEARS

FEB
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	1.0	2.9	1.9	.0	.1						7.4	9.8
NNE	.4	.7	1.8	.8	.1							3.7	9.7
NE	.1	.8	.8	.8								2.5	8.7
ENE	.2	.2	.9	1.0	.1	.0						2.6	10.2
E	1.0	1.7	1.4	.9	.3	.1						5.4	8.0
ESE	.2	2.2	2.0	1.0	.1	.1						5.5	8.0
SE	.5	1.6	2.8	1.1	.1							6.2	8.1
SSE	.2	.5	.8	.2	.0	.0						1.0	8.1
S	.1	.3	1.3	.9	.2	.3						3.1	11.1
SSW	.1	.9	1.3	1.0	.4	.1	.1					3.9	10.7
SW	.4	1.3	2.2	1.4	.3	.3	.0					5.9	9.8
WSW	.3	.8	1.7	1.0	.2	.0						4.1	9.2
W	.8	1.0	3.6	4.6	1.5	1.0	.2					13.3	12.1
WNW	.1	.8	3.1	4.8	2.1	1.2	.2					12.3	13.8
NW	.4	1.4	3.1	3.7	2.6	1.0						12.1	12.8
NNW	.2	1.2	1.7	3.1	.8	.1	.0					7.1	11.5
VARBL													
CALM												3.4	
	5.3	17.6	31.1	28.2	9.4	4.4	.6					100.0	10.4

TOTAL NUMBER OF OBSERVATIONS 2186

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13707
STATION

DUVEF AFB DELAWARE
STATION NAME

43-46, 51-72
YEARS

FEB
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	2.3	1.9	1.3	.1	.0	.0					6.9	7.7
NNE	.5	.9	1.4	.5								3.4	7.2
NE	.4	.8	.6	.6	.1							2.6	8.0
ENE	.1	.4	.5	.4	.2	.1						2.2	11.6
E	.0	1.2	1.5	.5	.1	.2	.0					4.1	8.1
ESE	.0	1.4	1.5	.3	.0	.1						3.9	7.0
SE	1.1	2.2	1.9	.6	.0							5.9	6.3
SSE	1.0	1.0	1.5	.4	.0	.0						4.6	6.4
S	1.1	2.1	2.1	.9	.3	.1	.0					5.4	7.6
SSW	.6	1.1	1.3	.6	.3	.1	.0					4.1	9.0
SW	.9	1.1	1.3	.7	.1							4.2	7.3
WSW	.6	1.1	.5	.7		.0						3.1	7.3
W	.9	3.2	2.7	1.4	.8	.2						9.1	8.7
WNW	.6	2.2	3.0	3.3	.6	.5	.0					10.3	10.4
NW	.8	1.5	4.4	3.1	1.3	.4	.2					11.8	10.9
NNW	1.0	1.9	2.1	1.8	.4							7.1	8.7
VARBL													
CALM												9.6	
	12.0	25.2	28.5	17.5	4.5	2.0	.4					100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 2184

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13707
STATION

DNVER AFB DELAWARE
STATION NAME

43-46,51-72
YEARS

FEB
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.6	2.4	1.9	.1	.1						7.4	8.4
NNE	.4	1.1	.5	.6	.0							2.6	7.1
NE	.2	1.2	1.3	.7	.1							3.7	7.9
ENE	.2	.6	.5	.5	.1	.1						2.1	9.4
E	.6	1.5	1.1	.5	.1	.1						4.0	7.0
ESE	.8	1.3	.5	.0	.0	.0	.0					2.8	6.1
SE	.8	1.3	.7	.2	.0							3.0	5.0
SSE	1.4	1.2	.5	.0	.1							3.6	4.9
S	1.4	2.3	2.4	.8	.2	.1						7.3	7.2
SSW	.9	1.3	1.3	1.1	.2	.3	.2	.0				5.5	10.1
SW	1.0	1.1	1.1	.7	.5	.2	.0					4.6	9.2
WSW	.4	1.4	1.1	.4	.1							3.4	7.2
W	1.0	3.1	2.4	2.1	.6	.1	.0					9.3	8.8
WNW	.3	1.0	3.1	3.4	.9	.3		.0				9.6	11.1
NW	.5	2.7	3.3	2.7	1.1	.2	.2					10.6	10.2
NNW	.6	2.2	2.7	1.9	.4	.4						8.2	9.4
VARBL													
CALM												12.2	
	11.8	25.9	25.0	17.6	4.5	2.1	.5	.1				100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 2189

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13707

DOVER AFB DELAWARE

43-46, 51-72

PAR

STATION

STATION NAME

YEARS

NORTH

ALL WEATHER

0000-0200

CLASS

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	2.5	2.2	1.0	.5	.1						7.3	7.6
NNE	.4	1.2	1.0	.5	.3	.0						3.7	8.0
NE	.5	1.4	1.0	.8	.5	.1						4.2	9.2
ENE	.5	1.1	1.0	.4	.1	.0		.1				3.1	8.4
E	.9	1.3	1.4	1.3	.1	.0						5.1	7.9
ESE	.5	.8	.7	.3								2.4	6.6
SE	.7	1.1	.8	.3	.1							2.9	6.8
SSE	1.0	1.0	.7	.0								2.8	4.2
S	1.3	2.2	2.0	1.1	.2	.1	.0					7.2	7.5
SSW	.5	1.3	1.8	1.1	.2	.0						5.2	8.4
SW	1.3	2.0	2.1	1.1	.2	.0						5.7	7.5
WSW	.0	1.5	1.4	.4	.1							4.0	7.1
W	1.3	2.0	3.0	2.1	.5	.1						8.8	8.8
WNW	.5	1.7	3.1	2.6	.4	.2						9.4	9.9
NW	.5	2.0	3.1	2.8	.7	.2						9.2	9.9
NNW	.0	1.7	2.5	2.0	.3	.2						7.3	9.3
VARBL													
CALM												11.4	
	12.2	25.4	27.8	17.7	4.2	1.2	.0	.1				100.0	7.4

TOTAL NUMBER OF OBSERVATIONS

2407

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13707
STATION

DOVER AFB DELAWARE
STATION NAME

43-46, 51-72
YEARS

MAR
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N	1.0	3.1	3.2	1.4	.3	.3	.1					9.4	8.3
NNE	.7	1.3	1.2	.7	.4	.0						4.4	8.3
NE	.5	1.5	1.0	.7	.3	.7						4.1	8.3
ENE	.8	.9	1.0	.7	.1	.0						3.3	8.1
E	.5	1.7	1.6	1.1	.1							5.1	7.0
ESE	.6	.7	.4	.7	.0							2.6	7.9
SE	.6	.7	.6	.5	.1		.1					2.6	7.9
SSE	.6	.7	.1	.4			.0					2.0	5.0
S	1.3	1.5	1.2	.8	.3							6.9	7.1
SSW	.4	1.4	2.4	1.2	.4	.0	.0					5.7	8.6
SW	1.2	1.9	2.0	1.3	.2							6.6	7.6
WSW	1.0	1.6	1.3	.6								4.0	6.6
W	1.0	2.9	3.3	1.8	.5	.1						9.5	8.2
WNW	.5	1.1	2.1	2.7	.4	.1	.0					7.4	9.9
NW	.6	3.0	3.7	2.3	.7	.2	.0					10.7	9.6
NNW	.7	2.7	2.0	1.3	.2	.1						6.1	8.3
VARBL													
CALM												10.6	
	12.0	26.7	27.4	18.1	3.6	1.1	.3					100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 2409

1
3
DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13707
STATION

DOVER AFB DELAWARE
STATION NAME

43-46, 51-72
YEARS

MAR
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	2.0	3.2	1.9	.3	.2	.0					9.4	8.3
NNE	.4	.8	1.9	.9	.2	.0						4.2	8.9
NE	.6	1.0	2.0	1.2	.3	.1						5.2	9.1
ENE	.2	.8	1.4	.8	.1	.0	.0	.0				3.2	9.1
E	.4	1.5	1.3	1.7	.2	.2						5.5	9.6
ESE	.3	.6	1.0	.4	.0	.1						2.4	8.2
SE	.3	.5	.9	.3	.1			.0				2.6	8.4
SSE	.4	.6	.4	.2	.0	.1						1.8	7.9
S	1.3	1.7	1.3	.7	.2							5.2	6.7
SSW	.9	1.2	2.3	1.7	.2	.1						6.6	8.6
SW	.6	1.8	2.0	1.2	.3	.0						6.0	8.4
WSW	.6	1.1	1.7	.9	.0	.0						4.4	7.9
W	1.0	2.3	3.3	2.0	.9	.2						9.4	8.6
WNW	.2	1.6	2.1	2.5	.5	.2						7.1	10.4
NW	.8	1.6	3.4	3.0	1.1	.2						10.0	10.5
NNW	.5	1.7	2.4	2.0	.5	.2	.1					7.6	10.2
VARBL													
CALM												9.2	
	10.1	21.6	30.9	21.3	4.8	1.8	.2	.1				100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 2406

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13707
STATION

DOVER AFB DELAWARE
STATION NAME

43-46, 51-72
YEARS

MAR
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L & T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	56	%	MEAN WIND SPEED
N	.0	1.6	4.0	3.3	.6	.2	.1					10.7	10.1
NNE	.2	.7	1.0	1.1	.2							4.0	9.4
NE	.3	.8	1.0	1.1	.2	.0						4.1	9.2
ENE	.4	1.0	1.5	.9	.4	.1	.0					4.3	9.6
E	.5	1.5	2.3	1.3	.4	.2						6.0	9.6
ESE	.5	.9	1.8	1.2	.2	.0						4.4	9.4
SE	.5	1.3	.9	1.0	.2	.2	.0					3.6	9.5
SSE	.2	.5	.3	.4	.0							1.5	8.4
S	.3	.7	1.9	.7	.1	.3						4.1	9.8
SSW	.1	.9	1.6	2.1	.4	.3						5.4	11.3
SW	.2	.9	2.4	2.1	.6	.2						6.4	10.7
WSW	.1	.9	1.3	1.6	.4	.0						4.3	10.3
W	.5	1.7	2.4	2.9	1.0	.5	.1					8.9	11.6
WNW	.2	.6	2.0	4.9	2.0	.3						10.0	13.2
NW	.1	1.0	2.4	5.4	2.3	.4	.1					11.5	13.2
NNW	.2	1.0	2.3	2.8	1.5	.4						8.1	12.3
VARBL													
CALM												2.1	
	4.3	15.9	30.5	32.9	10.6	3.4	.4					100.0	10.8

TOTAL NUMBER OF OBSERVATIONS

2407

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13707
STATION

DOVER AFB DELAWARE
STATION NAME

43-46, 51-72
YEARS

MAR
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.0	3.0	2.2	.4	.2						7.1	10.4
NNE	.0	.4	1.1	1.4	.1	.0						3.0	10.7
NE	.2	.5	.9	.4	.2	.1						2.4	10.0
ENE	.3	.7	1.3	.7	.2	.1	.0					3.4	9.6
E	.3	2.0	2.4	1.3	.4	.2						6.7	9.3
ESE	.1	1.3	2.8	2.4	.4							7.0	10.0
SE	.2	.6	1.6	1.2	.9							4.5	11.0
SSE	.1	.3	.5	.3		.0						1.3	8.8
S	.2	.5	.6	.9	.6	.2						3.1	12.2
SSW	.2	.3	1.2	1.9	.7	.2	.0					4.6	12.7
SW	.2	.6	1.4	2.3	.7	.2	.1					5.7	12.3
WSW	.6	.5	1.3	1.6	.5	.2	.0					4.2	12.0
W	.5	1.4	4.0	4.4	1.6	.7	.3					13.0	12.3
WNW	.2	.6	2.3	5.1	2.3	.6						11.7	13.6
NW	.2	1.1	3.4	6.1	2.2	.4						13.4	12.6
NNW	.2	.6	1.9	2.9	.8	.4						7.0	12.1
VARBL													
CALM												1.9	
	3.4	12.7	30.1	30.5	12.0	3.8	.5					100.0	11.4

TOTAL NUMBER OF OBSERVATIONS

2409

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13707
STATION

DUVEL AFB DELAWARE
STATION NAME

43-46,51-72
YEARS

MAP
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.2	2.7	1.7	.4	.1						6.3	9.4
NNE	.1	.6	1.5	.9	.1	.0						3.3	9.4
NE	.2	1.1	1.0	.5	.1							3.0	7.9
ENE	.2	.7	.6	.6	.3	.4	.0					2.9	11.2
E	.3	1.8	1.9	1.9	.2	.1	.0					3.9	9.2
ESE	.3	1.8	3.7	3.0	.2	.1	.0					9.2	9.7
SE	.3	1.0	2.7	1.6	.6	.0						6.3	10.1
SSE	.0	.2	.8	.5								1.6	9.6
S	.2	.2	.7	1.1	.2	.1						2.6	1.5
SSW		.2	1.2	1.7	.6	.3	.0					4.1	3.7
SW	.0	.2	1.8	2.4	.4	.3						5.4	2.1
WSW	.1	.6	2.0	1.7	.2	.0						4.7	10.5
W	.3	1.7	4.0	3.5	1.6	.5	.2					11.7	11.8
WNW	.2	.5	2.8	6.0	2.0	.6						12.1	13.2
NW	.2	1.1	3.5	5.2	2.3	.2						12.4	12.3
NNW	.2	1.0	2.5	2.1	.4	.5	.1					6.7	11.3
VARBL													
CALM												1.5	
	2.9	14.3	33.7	34.1	9.8	3.2	.4					100.0	11.0

TOTAL NUMBER OF OBSERVATIONS 2409

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13707

DOVER AFB DELAWARE

43-46, 51-72

NAR

STATION

STATION NAME

YEARS

NORTH

ALL WEATHER

1800-2000

CLASS

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.5	1.9	1.4	.4							5.9	8.1
NNE	.4	.7	1.2	.5	.1							2.0	8.2
NE	.3	.9	1.2	.6	.3	.0						3.2	9.0
ENE	.1	.4	.6	.5	.3	.2						2.0	12.5
E	.3	1.2	2.3	.6	.2	.0						4.9	8.6
ESE	1.1	1.6	2.3	1.2	.0	.1						6.4	7.7
SE	.9	2.1	3.0	1.4	.3	.1	.0					7.7	8.2
SSE	.8	2.2	1.7	.3								5.0	6.2
S	1.0	2.2	2.5	1.6	.1							7.5	7.8
SSW	.5	1.2	1.7	.8	.2	.0						4.5	8.3
SW	.4	1.1	1.3	.7	.0							3.6	7.9
WSW	.5	1.3	.6	.4	.0	.0						2.9	6.5
W	2.0	3.1	1.9	1.4	.6	.2	.0					9.2	8.0
WNW	.6	1.9	3.0	3.6	1.1	.4	.0					10.6	10.8
NW	.6	2.0	4.2	3.4	.9	.2						11.2	9.9
NNW	.5	1.1	2.0	1.4	.7	.0						5.8	9.7
VARBL													
CALM												6.6	
	10.9	24.4	31.3	20.0	5.2	1.4	.1					100.0	8.1

TOTAL NUMBER OF OBSERVATIONS

2406

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13707
STATION

DOVER AFB DELAWARE
STATION NAME

43-46, 51-72
YEARS

MAR
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.8	2.4	1.2	.2	.2						6.3	8.1
NNE	.4	.6	.7	.5	.2							2.3	8.5
NE	.2	1.2	.8	.7	.2	.1						3.5	8.4
ENE	.2	.8	1.0	.7	.2	.0	.0					2.8	10.0
E	1.0	.9	1.8	1.0	.3							5.0	8.1
ESE	.6	1.0	1.5	.3	.0							3.5	6.8
SE	.4	1.4	1.5	.5	.3	.1	.0					4.2	8.6
SSE	1.1	1.7	1.2	.1								4.2	5.2
S	2.0	3.5	3.1	1.0	.2							9.8	6.1
SSW	.8	1.7	2.0	1.2	.2	.0						5.9	8.0
SW	.7	1.7	1.5	.7	.0							4.7	7.0
WSW	.5	1.3	1.0	.2								3.0	6.2
W	1.5	2.7	2.9	1.7	.6	.2						9.6	8.2
WNW	.3	1.5	3.4	2.7	.7	.1						8.9	10.2
NW	.7	2.6	3.7	2.9	.7	.2						10.8	9.5
NNW	.7	1.5	1.7	1.3	.3	.2						5.8	8.8
VARBL													
CALM												9.4	
	12.1	25.8	30.2	17.1	4.0	1.1	.1					100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 2407

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13707
STATION

DOVER AFB DELAWARE
STATION NAME

43-46, 51-72
YEARS

APR
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	2.2	2.0	1.1	.0							6.5	7.1
NNE	.8	1.0	.7	.8	.2	.0						3.5	7.8
NE	.4	1.1	1.3	.9	.1							3.8	8.4
ENE	.3	.7	.6	.7								2.2	8.1
E	1.0	1.3	1.1	.7	.3	.1						4.7	8.2
ESE	.6	.7	1.0	.4								2.8	6.9
SE	.7	1.2	.8	.3								2.9	6.1
SSE	.6	1.0	.6	.2	.0							3.1	5.9
S	2.0	3.7	2.5	1.0	.3							9.5	6.6
SSW	.9	3.2	2.4	1.8	.3	.0						8.4	7.9
SW	1.8	4.2	1.9	1.1	.1							9.4	6.6
WSW	1.2	1.4	1.2	.8	.1							4.2	6.4
W	1.2	2.8	2.0	1.3	.2							8.2	7.2
WNW	.4	1.9	2.2	1.6	.1	.0						5.3	8.2
NW	.7	2.4	2.6	1.6	.5	.1						7.9	8.7
NNW	.3	1.3	2.0	1.2	.1	.0						5.1	8.8
VARBL													
CALM												11.2	
	14.3	30.7	25.5	15.2	2.5	.4						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 2322

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13707
STATION

DOVER AFB DELAWARE
STATION NAME

43-46, 51-72
YEARS

APR
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	2.3	1.9	.9	.1							6.7	6.8
NNE	.8	1.5	.9	1.0	.1							4.3	7.6
NE	.5	.8	1.4	.7	.1	.0						3.5	8.3
ENE	.4	1.0	1.0	.9	.2							3.1	8.0
E	.7	1.3	1.3	.7	.2	.1						4.4	8.1
ESE	.1	.7	1.2	.4	.1							2.5	8.1
SE	.3	1.2	.9	.3								2.7	6.6
SSE	.9	.8	.6	.4	.0							2.6	6.6
S	1.3	2.4	1.7	.8	.1							6.3	6.4
SSW	.9	2.0	1.9	1.2	.4	.1						6.5	8.4
SW	1.2	3.8	2.0	1.3	.3	.0						8.7	6.9
WSW	1.3	1.9	1.8	.4								5.3	6.0
W	1.1	3.4	3.0	1.0	.2							8.7	7.0
WNW	.6	2.0	1.8	.8	.3							5.5	7.7
NW	1.0	3.6	2.7	1.9	.3	.0						9.6	7.9
NNW	.4	1.5	1.7	.6	.0	.1						4.5	7.9
VARBL													
CALM												15.1	
	12.9	30.3	25.8	13.1	2.3	.4						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 2324

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13707
STATION

DOVER AFB DELAWARE
STATION NAME

43-46, 51-72
YEARS

APR
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	2.1	2.7	1.4	.4							6.9	8.2
NNE	.9	1.8	2.0	.9	.4							5.0	7.9
NE	.3	1.4	1.9	.9	.1	.0						4.2	8.7
ENE	.2	.8	1.3	1.1	.1							3.9	9.0
E	.3	1.7	2.2	.8	.3	.9						5.3	8.2
ESE	.4	.8	1.4	.3	.2	.0						3.4	8.1
SE	.5	.9	1.0	.3	.1							2.4	7.3
SSE	.6	1.1	.0	.3								2.7	6.3
S	1.0	2.4	1.4	.9	.1							5.6	6.7
SSW	.6	1.6	1.9	1.7	.3	.0						6.2	9.0
SW	1.0	2.0	2.8	1.7	.6	.1						8.3	8.7
WSW	.7	1.9	1.6	.9	.3	.0						5.4	7.7
W	1.0	2.7	3.7	1.9	.3	.1						9.2	8.1
WNW	.3	1.4	2.3	2.2	.3	.2						6.8	10.0
NW	.8	1.6	3.0	2.2	.7	.1						8.9	9.6
NNW	.6	1.0	2.0	1.9	.1	.0						5.7	9.2
VARBL													
CALM												9.6	
	10.2	24.4	32.0	19.1	3.9	.7						100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 2324

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13707
STATION

DUVEP AFB DELAWARE
STATION NAME

43-46, 51-72
YEARS

APR
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	1.7	3.3	2.8	.6							8.6	9.7
NNE	.6	1.1	1.7	.9	.2							4.0	8.6
NE	.3	.6	1.6	.4	.2	.1						3.4	8.8
ENE	.1	1.1	1.6	.6	.1							3.5	8.2
E	.5	2.3	2.8	1.8	.2	.1						7.4	8.9
ESE	.4	1.9	2.2	1.9	.5							6.4	9.0
SE	.5	1.2	1.8	.7	.3	.1						4.2	8.9
SSE	.2	.5	.8	.9	.0							2.0	8.5
S	.6	1.0	1.6	.7	.3	.2						4.4	9.0
SSW	.2	.8	1.6	1.6	.2	.0						4.6	10.1
SW	.3	.6	2.6	3.3	.5	.6						7.9	12.2
WSW	.2	1.1	2.2	1.8	.6	.2						6.0	10.7
W	.7	1.1	1.9	3.6	1.0	.3						8.6	11.3
WNW	.5	.8	2.2	3.9	1.4	.4						9.2	12.3
NW	.3	.8	2.7	3.6	.9	.5	.1					8.9	12.3
NNW	.4	.7	1.9	2.8	.6	.3						6.7	11.4
VARBL													
CALM												4.1	
	5.3	17.4	32.1	30.5	7.6	2.8	.1					100.0	10.0

TOTAL NUMBER OF OBSERVATIONS

232

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13707
STATION

DOVER AFB DELAWARE
STATION NAME

43-46, 51-72
YEARS

APR
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.4	2.0	2.0	.4	.0						7.0	9.6
NNE	.3	.7	.9	.3		.1						2.9	8.3
NE	.3	.6	.7	.4	.2	.1						2.2	9.1
ENE	.1	.6	1.1	.3	.2	.0						2.4	9.2
E	.4	2.4	3.1	1.7	.4	.1						8.1	8.8
ESE	.3	2.0	3.7	2.3	.5							9.0	9.3
SE	.4	2.0	3.1	2.7	.6	.3	.0					9.1	10.0
SSE	.1	.4	.6	.6	.1	.0	.0					1.9	10.4
S	.1	.3	.9	1.0	.2	.2						2.8	11.4
SSW	.0	.3	1.2	2.5	.3							4.4	12.0
SW	.3	.3	1.7	2.7	.9	.5	.1					6.6	13.0
WSW	.1	.6	2.4	3.1	.4	.1						6.6	11.4
W	.2	1.6	3.4	4.6	1.0	.3	.1					11.1	11.6
WNW	.2	.8	2.3	3.7	1.4	.7						9.1	13.0
NW	.2	1.1	2.7	3.7	1.6	.5	.1					10.1	12.6
NNW	.2	.5	2.3	1.9	.6	.0						5.5	11.0
VARBL													
CALM												1.6	
	3.6	15.8	32.8	33.7	9.0	3.1	.4					100.0	10.8

TOTAL NUMBER OF OBSERVATIONS 2322

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13707
STATION

DOVER AFB DELAWARE
STATION NAME

43-46, 51-72
YEARS

APR
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (LST.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.1	3.1	1.2	.2	.1						5.9	9.3
NNE	.2	.3	.6	.5	.1	.1						1.9	10.0
NE	.2	.3	1.0	.3	.4	.1						2.2	10.3
ENE	.1	.4	.5	.7	.0	.1						1.8	10.2
E	.6	1.9	2.1	1.0	.1	.1						6.4	8.3
ESE	.1	2.3	5.0	3.1	.4							10.9	9.4
SE	.3	1.7	5.0	3.2	.6	.2						11.2	9.8
SSE	.2	.4	.9	1.0		.1		.0				2.6	10.6
S	.0	.5	1.2	1.9	.5	.0	.0					4.1	11.6
SSW		.4	1.6	2.4	.3	.0						4.7	11.7
SW	.0	.5	2.2	2.7	.6	.0	.0	.0				6.2	11.9
WSW	.1	.4	1.9	1.8	.3	.0						4.7	10.1
W	.3	1.3	3.8	3.8	.9	.4						10.4	11.0
WNW	.1	.7	2.5	3.9	1.5	.5	.0					9.4	12.9
NW	.1	1.0	3.4	4.2	1.6	.3						10.6	12.2
NNW	.2	.4	1.9	2.9	.2	.2						5.7	11.4
VARBL													
CALM												1.2	
	2.9	14.3	36.5	34.8	7.7	2.3	.1	.1				100.0	10.6

TOTAL NUMBER OF OBSERVATIONS 2316

3

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13707

DOVER AFB DELAWARE

43-46, 51-72

APR

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

1800-2000

HOURLS (L.R.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N	.0	1.5	1.8	.9	.4	.1						5.3	8.0
NNE	.2	.6	.6	.4	.2							1.9	8.6
NE	.0	.5	.8	.7	.2							2.2	10.2
ENE	.1	.3	1.0	.4	.2	.0						2.2	10.1
E	.6	1.0	2.0	1.2	.1	.0						4.9	8.4
ESE	.6	2.5	3.0	.9	.3	.0						7.4	7.7
SE	1.0	3.4	3.9	1.4		.1						9.8	7.3
SSE	1.2	2.5	2.7	.4								6.8	6.4
S	1.2	2.1	4.5	2.5	.1	.0						10.4	8.3
SSW	.0	1.9	2.5	1.4	.1							6.3	8.0
SW	1.1	1.6	2.0	.7	.1	.0						5.6	7.5
WSW	.7	1.3	1.0	.5	.1							3.4	6.2
W	.9	2.2	2.5	1.4	.3	.1						7.5	8.2
WNW	.4	1.5	2.6	2.0	.3	.2						7.0	9.8
NW	.6	1.3	3.0	2.6	.9	.2		.0				8.6	10.6
NNW	.8	1.0	1.7	1.3	.2	.0						4.9	8.8
VARBL													
CALM												5.9	
	10.5	25.5	35.6	18.4	3.4	1.0		.0				100.1	7.5

TOTAL NUMBER OF OBSERVATIONS

2320

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13707
STATION

DOVER AFB DELAWARE
STATION NAME

43-46, 51-72
YEARS

APR
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	.0	1.3	1.3	.2	.1						4.3	8.9
NNE	.2	.7	1.1	.9	.0							2.4	8.2
NE	.4	.5	1.4	1.3	.3							3.9	9.7
ENE	.3	.7	.7	.6	.1							2.9	8.3
E	.6	1.3	1.3	.7	.1	.0						4.4	8.0
ESE	.6	1.2	1.2	.3	.2							3.9	7.2
SE	1.0	2.1	1.9	.4								5.4	6.2
SSE	1.2	2.4	1.3	.2								5.7	5.6
S	2.9	3.8	4.7	1.9	.2	.0						13.7	6.9
SSW	1.6	3.3	2.7	1.8	.3	.1						9.5	7.7
SW	.9	3.4	2.2	1.0	.0							7.8	7.3
WSW	.8	1.7	.9	.5								3.9	2.4
W	1.1	1.9	2.3	1.6	.3	.0						7.2	8.0
WNW	.2	1.0	2.2	1.2		.0						4.7	8.9
NW	.3	1.5	3.3	2.2	.5	.3	.0					8.1	10.2
NNW	.3	.7	2.2	.9	.3	.2	.1					4.5	10.1
VARBL													
CALM												3.0	
	13.0	26.9	31.0	16.6	2.6	.7	.1					100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 2317

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13707
STATION

DOVER AFB DELAWARE
STATION NAME

43-46,51-72
YE-GR

MAY
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	2.2	1.0	.9	.0							6.1	6.5
NNE	.7	1.2	1.2	.3	.0	.1						3.7	7.0
NE	.8	1.0	1.7	.5	.0							3.9	7.2
ENE	.1	.7	1.2	.5	.1							2.7	8.7
E	.8	1.2	1.3	.4	.1	.1						4.4	7.7
ESE	.4	.8	.8	.4	.0							2.5	7.1
SE	1.1	1.0	1.3	.2	.2							3.5	6.5
SSE	.8	1.3	.5	.2								3.2	5.2
S	2.2	3.7	3.7	1.2	.1	.0						11.2	6.4
SSW	1.6	4.3	3.3	1.2	.0							10.5	6.5
SW	1.5	4.1	3.5	1.1	.1							10.3	6.5
WSW	1.0	1.9	1.5	.4								4.8	6.1
W	1.2	3.1	2.5	.5								7.2	6.2
WNW	.6	1.1	.9	.5								3.0	6.8
NW	.9	1.2	2.3	.6	.1	.2	.0					5.3	8.0
NNW	.8	1.5	1.4	.5								4.2	6.5
VARBL													
CALM												13.5	
	16.0	30.8	28.7	9.6	.9	.4	.0					100.0	5.8

TOTAL NUMBER OF OBSERVATIONS

2406

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13707
STATION

DOVER AFB DELAWARE
STATION NAME

43-46, 51-72
YEARS

MAY
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	2.6	1.7	.6	.2							6.9	6.1
NNE	.7	1.7	1.8	.5								4.7	6.8
NE	.7	1.6	2.0	.7	.0							5.1	7.3
ENE	.5	.7	1.4	.1	.2	.0						2.9	7.9
E	.0	1.0	1.5	.4	.3	.1						4.3	8.0
ESE	.3	1.1	.6	.2	.0							2.3	6.7
SE	.7	1.0	.7	.5	.2							3.0	7.4
SSE	.5	1.0	.2	.1	.1	.0						1.9	6.3
S	1.5	3.0	2.5	.5	.2	.0						7.9	6.4
SSW	1.7	2.9	3.6	1.0	.0							9.3	6.8
SW	1.2	3.6	2.8	1.0	.1							9.1	6.7
WSW	1.1	2.5	.7	.3		.0						4.3	5.4
W	1.3	3.1	2.8	.5	.0							7.7	6.3
WNW	1.0	1.6	1.3	.2								4.2	6.0
NW	.7	2.3	2.3	.7	.1	.1						6.2	7.2
NNW	.9	1.1	1.3	.2								3.5	5.9
VARBL													
CALM												16.7	
	15.8	30.8	27.5	7.5	1.5	.3						100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 2408

3

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

15707
STATION

DOVER AFB DELAWARE
STATION NAME

43-46, 51-72
YEARS

MAY
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L & T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	2.0	2.5	1.4	.1							7.0	7.5
NNE	.4	2.1	2.3	.7	.1							5.7	7.5
NE	.5	2.2	2.6	.9	.2							6.4	8.0
ENE	.1	1.1	2.4	.9	.1							4.9	7.7
E	.2	1.2	2.4	.7	.3	.2	.0					5.2	9.2
ESE	.2	1.1	1.2	.4	.2							3.2	7.7
SE	.2	1.2	1.0	.5	.2							3.4	7.2
SSE	.5	1.0	.7	.2								2.4	6.2
S	.6	2.0	2.2	1.2	.3							6.3	8.1
SSW	.4	1.6	2.6	1.4	.1							6.8	8.0
SW	.9	2.3	3.2	2.3	.2							9.1	8.5
WSW	.8	2.2	2.3	.6	.2	.0	.1					6.2	7.5
W	1.1	2.9	3.5	1.2	.1	.0						8.4	7.5
WNW	.6	1.2	1.8	.7	.1							4.4	7.3
NW	.8	1.1	2.6	1.4	.4	.1						6.4	9.0
NNW	.6	1.2	2.5	1.2	.3							5.9	8.5
VARBL													
CALM												3.5	
	10.4	26.0	36.1	15.5	2.9	.4	.1					100.0	7.3

TOTAL NUMBER OF OBSERVATIONS

2404

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13707

DOVER AFB DELAWARE

43-46, 51-72

DAY

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

0900-1100

CLASS

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	1.7	3.2	1.9	.4	.0						7.5	8.0
NNE	.5	.7	1.7	.4	.1							3.7	8.3
NE	.7	1.5	2.0	.5	.2	.1						5.0	7.5
ENE	.6	1.2	2.1	.8	.1	.0						4.8	7.9
E	.6	2.6	3.9	1.4	.4	.3	.0					9.2	8.8
ESE	.6	1.0	2.5	.9	.0							5.8	7.5
SE	.5	.7	2.7	1.1								5.1	8.5
SSE	.4	.5	.7	.4	.0							1.7	7.0
S	.5	.9	1.0	1.0	.1							4.4	8.3
SSW	.4	.9	2.5	1.6	.2	.1						5.6	10.0
SW	.4	1.1	2.9	2.5	1.0	.1						8.0	10.5
WSW	.3	.9	3.0	1.6	.3	.1						6.2	9.7
W	.7	1.5	3.7	2.8	.3							9.2	9.3
WNW	.4	1.0	2.6	2.4	.6	.0						6.8	10.5
NW	.5	.5	2.4	2.8	.5	.0						6.7	10.7
NNW	.3	1.0	2.2	2.2	.3							6.7	9.9
VARBL													
CALM												4.2	
	7.5	18.7	40.0	24.2	4.3	.9	.0					100.0	8.8

TOTAL NUMBER OF OBSERVATIONS

2402

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13707
STATION

DUVER AFB DELAWARE
STATION NAME

43-46, 51-72
YEARS

MAY
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	1.4	2.0	1.0	.6							5.0	8.2
NNE	.2	.5	.7	.7	.1							2.3	8.8
NE	.4	1.0	1.2	.5	.1	.2						3.3	8.3
ENE	.5	.7	1.0	.5	.2							2.9	7.9
E	.5	2.5	4.5	2.3	.2	.3						10.4	9.0
ESE	.2	1.7	5.7	2.3	.1							10.0	9.1
SE	.2	1.6	4.4	3.4	.2							9.7	9.6
SSE	.3	.3	.5	.4								1.5	7.5
S	.2	.7	1.0	1.1	.1	.1						3.2	9.9
SSW	.2	.7	1.7	2.0	.2	.3						5.3	11.4
SW	.2	.8	2.9	3.2	1.0	.2						8.3	11.6
WSW	.2	1.0	2.2	2.1	.2	.1						5.3	10.1
W	.4	1.3	4.0	4.0	.7	.2						10.6	10.6
WNW	.2	.9	2.7	3.1	.5							7.4	10.7
NW	.3	1.0	2.3	3.1	.5							7.2	10.7
NNW	.1	1.2	1.7	1.8	.2							5.1	9.8
VARBL													
CALM												2.1	
	4.7	17.2	38.5	31.4	4.8	1.7						100.0	9.6

TOTAL NUMBER OF OBSERVATIONS 2402

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13707
STATION

DUVE AFB DELAWARE
STATION NAME

43-46, 51-72
YEARS

MAY
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.4	2.1	1.2	.4							5.4	8.4
NNE	.2	.3	.5	.3								1.4	8.1
NE	.2	.4	.8	.5	.2							2.1	9.9
ENE	.1	.7	.7	.7	.3							2.4	10.1
E	.4	1.6	3.0	1.7	.2	.1						7.0	8.9
ESE	.3	2.0	7.4	2.1	.2	.0						12.1	8.9
SE	.3	1.8	6.4	4.2	.4							13.2	9.7
SSE	.1	.5	1.3	.8	.0	.1						2.9	9.7
S	.2	.7	1.8	1.4	.3	.1						5.0	9.9
SSW	.0	.6	2.2	2.2	.8	.0						5.3	11.3
SW	.1	.7	3.2	2.6	.4	.2	.0					7.7	11.2
WSW	.1	.9	2.1	1.8	.3	.1						5.4	10.2
W	.2	1.2	4.9	3.2	.5	.1						10.1	10.2
WNW	.1	.7	2.7	3.0	.5	.1						7.1	11.0
NW	.2	1.1	2.5	2.6	.3							7.2	10.2
NNW	.2	.6	1.5	1.5	.2							4.0	9.7
VARBL													
CALM												1.2	
	3.6	15.6	43.8	29.8	5.3	.7	.0					100.0	9.8

TOTAL NUMBER OF OBSERVATIONS 2404

3

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13707

STATION

DOVER AFB DELAWARE

STATION NAME

43-46, 51-72

YEAR

MAY

MONTH

ALL WEATHER

CLASS

1800-2000

HOURS (L & T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	1.2	1.7	.8	.0	.0						4.3	7.6
NNE	.2	.8	.2	.7								1.6	8.3
NE	.1	.6	.6	.5	.2							2.0	9.4
ENE	.1	.3	.8	.7	.2							2.2	10.4
E	.5	1.2	2.5	.8	.2	.0						5.2	8.4
ESE	.9	3.0	3.1	.9								7.9	6.9
SE	1.2	4.4	5.5	1.3	.1							12.3	7.2
SSE	1.0	2.9	2.9	1.0	.1							7.6	7.1
S	.9	3.3	3.7	1.9	.1							9.9	7.7
SSW	.7	2.7	4.0	1.6	.2							9.2	8.0
SW	.6	2.9	2.7	.7	.0							6.8	7.0
WSW	.9	1.7	1.7	.2	.0							4.7	6.2
W	1.2	2.8	2.4	.9	.1							7.4	6.8
WNW	.6	1.5	1.6	.9	.1							4.7	7.7
NW	.5	1.4	2.0	.6	.0							4.6	7.6
NNW	.4	1.2	1.2	.8	.1							3.7	8.0
VARBL													
CALM												5.6	
	10.2	31.5	36.5	14.4	1.7	.1						100.0	7.1

TOTAL NUMBER OF OBSERVATIONS

2405

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13707

DOVER AFB DELAWARE

43-46, 51-72

MAY

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

2100-2300

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	1.3	1.4	.5	.1	.1						4.4	7.0
NNE	.2	.8	1.0	.5	.0							2.5	8.3
NE	.3	.5	1.4	.7	.1							2.0	9.1
ENE	.2	.4	.6	.8	.0							2.0	9.1
E	.8	1.2	2.2	.9	.0	.0						5.2	7.8
ESE	1.0	1.4	1.2	.4	.1							4.2	6.3
SE	1.2	2.2	2.0	.4								5.8	6.1
SSE	1.3	2.0	1.8	.5								6.4	6.0
S	1.8	5.3	5.7	1.4								14.5	6.3
SSW	1.1	3.1	4.1	1.4	.1	.0						9.8	7.5
SW	1.3	3.4	3.0	.9								8.9	6.6
WSW	1.0	1.8	1.8	.2	.0							4.9	6.1
W	1.2	2.0	2.0	.4	.0							6.2	6.3
WNW	.7	1.0	1.0	.3								2.5	6.1
NW	.3	1.3	1.4	1.0	.0	.2						4.2	8.5
NNW	.4	.9	1.4	1.0	.0							3.7	8.9
VARBL												11.1	
CALM													
	14.0	30.4	31.9	11.4	.7	.3						100.0	6.2

TOTAL NUMBER OF OBSERVATIONS

2401

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13707
STATION

DOVER AFB DELAWARE
STATION NAME

43-46, 51-72
YEARS

JUN
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	1.4	1.2	.3								3.4	6.0
NNE	.3	.8	.8	.4	.0							2.4	7.3
NE	.2	.4	1.1	.4		.0						2.1	8.1
ENE	.1	.5	1.0	.4								2.1	8.0
E	.5	1.3	1.1	.4	.1							3.4	7.1
ESE	.5	1.0	.3	.2	.0							2.0	6.0
SE	.6	1.2	.5		.0	.1						2.4	5.9
SSE	1.0	1.0	.8	.0								3.4	5.0
S	3.4	5.0	2.4	1.1	.1	.0						12.7	5.7
SSW	2.2	5.5	4.7	.7	.0	.1						13.2	6.3
SW	1.6	5.8	5.2	.9	.0							13.4	6.7
WSW	1.7	2.7	2.2	.3	.0							7.0	5.8
W	2.1	3.4	1.7	.1		.0						7.4	5.3
WNW	.7	1.1	.9	.2								2.9	5.8
NW	.9	1.4	.8	.4	.2							3.4	6.4
NNW	.2	1.0	.6	.2								2.2	6.7
VARBL													
CALM												15.6	
	16.7	35.1	25.5	6.1	.7	.2						100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 2291

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13707
STATION

DOVER AFB DELAWARE
STATION NAME

43-46, 51-72
YEARS

JUN
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	2.3	1.2	.3								5.3	5.3
NNE	.3	.9	1.1	.4	.0							2.7	7.5
NE	.3	.0	1.0	.4	.0							3.2	8.0
ENE	.3	.4	.8	.3								2.0	8.2
E	.5	1.0	.9	.4	.3							3.1	7.9
ESE	.2	.7	.5	.3								1.7	7.1
SE	.0	.7	.4	.0								1.2	4.9
SSE	.9	1.0	.7	.3								2.7	5.4
S	1.7	2.9	2.1	.3								7.1	5.7
SSW	2.7	3.5	3.1	.7								10.0	5.9
SW	2.7	6.3	4.3	.7	.0	.0						14.2	6.0
WSW	2.3	2.8	1.5	.3	.1							7.0	5.4
W	2.6	3.8	1.7	.2								8.2	5.0
WNW	.9	1.2	1.1	.3								3.4	6.0
NW	1.2	2.2	1.3	.3								5.0	5.6
NNW	1.0	1.8	.9	.3								4.0	5.4
VARBL													
CALM												18.4	
	19.9	32.4	21.2	5.7	.5	.0						100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 2293

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13707
STATION

DDVEF AFB DELAWARE
STATION NAME

43-46, 51-72
YEARS

JUN
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	2.6	2.2	.8								6.7	6.5
NNE	.3	1.0	2.2	.8	.0							4.3	8.0
NE	.1	1.0	2.2	1.1	.0							4.6	8.7
ENE	.0	.8	.2	.0								2.3	8.3
E	.4	1.6	1.9	.4	.3	.0						4.7	8.0
ESE	.3	.7	.9	.2	.0	.0						2.3	7.2
SE	.4	1.0	1.0	.1								2.5	6.3
SSE	.4	.7	.9	.1								1.7	6.0
S	1.4	2.2	2.6	.7								6.9	6.3
SSW	1.4	2.3	2.5	1.3	.0							7.5	7.1
SW	1.5	3.6	5.4	1.8	.2	.0						12.5	7.6
WSW	1.0	2.7	3.4	.8	.0							8.0	7.0
W	1.1	3.4	3.3	.9								8.7	6.7
WNW	.5	1.8	1.0	.8	.2	.1						5.4	8.0
NW	.4	2.5	3.0	.8	.2							6.9	7.5
NNW	.7	1.8	2.0	.0	.1							5.4	7.4
VARBL													
CALM												9.6	
	11.2	29.7	36.0	12.1	1.2	.2						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 2290

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13707
STATION

DOVER AFB DELAWARE
STATION NAME

43-46, 51-72
YEARS

JUN
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	1.8	3.1	1.1	.1			.0				6.7	8.3
NNE	.3	1.4	2.1	.9								4.7	7.9
NE	.3	1.0	1.7	1.0	.1							4.0	8.7
ENE	.3	1.1	1.5	.4	.1							2.3	7.7
E	.4	2.8	3.8	1.1	.1							8.2	7.7
ESE	.5	2.2	2.0	.9	.1	.0						5.7	7.6
SE	.7	1.0	1.9	.8	.1	.0						4.5	8.0
SSE	.2	.6	.8	.3	.0							2.1	7.4
S	.0	1.3	1.7	.7	.0							4.3	7.6
SSW	.1	1.5	2.2	1.8	.1							6.1	8.7
SW	.6	2.2	4.5	2.9	.2	.0						10.4	9.0
WSW	.5	1.8	3.7	1.6	.0							7.6	8.3
W	.7	2.9	3.6	1.7	.1	.1						9.1	8.1
WNW	.4	1.0	2.2	1.8	.2	.1						5.7	9.5
NW	.4	1.4	3.7	2.1	.4	.1						8.2	9.6
NNW	.3	1.3	2.2	1.4	.2			.0				5.5	9.0
VARBL													
CALM												3.7	
	7.2	25.6	40.5	20.5	2.0	.4		.1				100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 2291

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13707
STATION

DOVER AFB DELAWARE
STATION NAME

43-46, 51-72
YEARS

JUN
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.2	2.4	.8	.1	.0						5.0	8.3
NNE	.5	.6	1.3	.5	.2							3.1	8.4
NE	.1	.8	1.5	.5	.1							3.0	8.4
ENE	.8	.9	.5	.1	.3							2.6	9.1
E	.5	3.4	4.8	1.5	.1							10.2	7.7
ESE	.3	2.2	6.7	2.1	.0							11.6	8.5
SE	.3	1.8	4.3	2.7	.1							9.5	9.4
SSE	.3	.6	.8	.1	.1							1.9	7.3
S	.1	.7	1.1	.8	.5							3.1	9.6
SSW	.8	1.0	1.7	1.1	.3							5.1	9.6
SW	.4	1.3	4.0	2.4	.5	.1						8.5	9.7
WSW	.1	1.1	3.0	2.1	.3	.0						6.7	9.8
W	.3	2.3	4.1	3.3	.6	.2						10.5	9.7
WNW	.1	.7	2.2	2.6	.1							5.5	10.3
NW	.6	1.2	2.9	1.9	.5	.0						7.1	9.6
NNW	.1	.7	1.4	1.4	.0							3.7	9.5
VARBL													
CALM												2.4	
	4.8	20.9	42.6	25.5	3.5	.4						100.0	8.9

TOTAL NUMBER OF OBSERVATIONS

2294

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13707
STATION

DUVER AFB DELAWARE
STATION NAME

43-46, 51-72
YEARS

JUN
MONTH

ALL WEATHER
CLASS

1300-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	1.0	1.9	.7	.1							4.2	8.3
NNE	.3	.4	.9	.4								2.1	8.2
NE	.1	.5	.4	.5	.2							1.7	9.5
ENE	.2	.4	.9	.6	.1	.0						2.3	9.4
E	.3	2.1	3.2	1.6	.0							7.3	8.4
ESE	.5	2.7	7.5	2.9	.3	.0						13.9	8.8
SE	.3	2.7	6.9	3.7	.6							14.3	9.5
SSE	.1	1.0	1.1	.7	.3	.0						3.2	9.3
S	.3	.7	1.2	1.0	.3	.0						3.5	9.9
SSW	.4	.4	2.0	2.4	.2							5.1	10.6
SW	.2	1.7	4.3	2.9	.3	.1						9.5	9.8
WSW	.1	1.2	3.1	1.7	.2	.0						6.4	9.5
W	.3	2.0	4.6	3.0	.3							10.2	9.2
WNW	.1	1.1	2.5	1.6	.4							5.8	9.6
NW	.3	1.0	2.3	1.9	.7							6.1	10.1
NNW	.2	.7	1.2	1.0	.2							3.2	9.6
VARBL												1.3	
CALM													
	4.0	19.8	44.0	26.5	4.1	.3						100.0	9.2

TOTAL NUMBER OF OBSERVATIONS 2294

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13707
STATION

DUVER AFB DELAWARE
STATION NAME

43-46, 51-72
YEARS

JUN
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	.8	1.0	.4								2.7	7.2
NNE	.3	.4	.6	.3								1.7	7.6
NE	.1	.3	.6	.4	.1							1.5	9.3
ENE	.2	.4	.7	.4	.1	.0						2.0	9.1
E	.7	1.2	2.1	.8								4.9	7.5
ESE	.7	2.6	3.2	.6		.0						7.1	6.9
SE	1.3	5.4	5.1	1.0	.1							13.0	6.9
SSE	1.0	2.8	3.4	.9	.0							8.7	6.6
S	1.3	3.7	3.2	1.4								9.7	6.8
SSW	1.0	3.1	3.6	1.2	.0							9.0	7.2
SW	.8	4.1	3.7	1.1	.2							5.9	7.1
WSW	1.0	2.0	2.2	.4	.2							5.8	6.6
W	1.3	3.1	2.1	.9	.1	.0	.0					7.0	7.0
WNW	.5	.9	1.0	.4	.0							2.8	7.2
NW	.6	1.3	1.2	.4	.2	.0						3.8	7.7
NNW	.7	1.0	1.1	.4	.1	.0						3.4	7.6
VARBL													
CALM												6.5	
	12.8	33.1	34.9	11.2	1.2	.2	.0					100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 2294

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13707
STATION

DUVER AFB DELAWARE
STATION NAME

43-46, 51-72
YEARS

JUN
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N	.2	.4	1.1	.4		.0						2.5	8.0
NNE	.4	.8	.5	.5								2.0	7.8
NE	.4	.7	.6	.5	.1							2.1	8.5
ENE		.2	1.0	.7	.0	.0						1.7	9.6
E	.2	.9	1.7	.4	.0	.0						3.6	8.2
ESE	.6	1.0	1.0	.1	.0							2.6	5.9
SE	1.4	2.4	1.2	.1	.0							5.1	5.2
SSE	2.4	3.2	1.4	.1								7.1	4.9
S	4.1	8.4	5.6	.9			.1					19.1	5.8
SSW	1.7	5.1	4.3	.9	.0							12.0	6.4
SW	1.7	4.4	4.7	.7	.1	.1						11.7	6.6
WSW	1.0	2.6	1.1	.4								5.2	5.9
W	1.4	2.3	1.1	.3	.1							5.2	5.7
WNW	.4	.9	.6	.3		.0						2.2	6.7
NW	.4	1.3	1.0	.3	.2							3.1	7.2
NNW	.4	.9	.8	.2	.0							2.5	7.3
VARBL													
CALM												12.4	
	16.4	35.9	27.5	6.9	.7	.3	.1					100.0	5.6

TOTAL NUMBER OF OBSERVATIONS

2290

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13707
STATION

DOVER AFB DELAWARE
STATION NAME

43-46, 51-72
YEARS

JUL
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SP. ED
N	1.1	1.4	1.5	.2								4.1	5.8
NNE	.7	.6	.4	.3	.0							2.0	5.9
NE	.3	.9	.3	.2								1.9	6.1
ENE	.2	.3	.2	.0								.9	5.5
E	.7	.7	.4	.1								1.6	5.3
ESE	.4	.5	.3	.2								1.4	6.1
SE	1.2	1.0	.5	.1	.1							3.0	5.2
SSE	1.5	1.7	.4	.0								3.5	4.3
S	4.1	5.5	3.6	.4								13.7	5.3
SSW	2.4	5.7	2.0	.9	.2	.0						12.0	6.0
SW	2.6	6.5	3.1	1.2	.0							13.4	5.9
WSW	1.7	2.7	1.0	.0								6.3	5.1
W	1.8	3.2	1.9	.0								6.7	5.1
WNW	.9	1.0	.3	.1								2.3	4.3
NW	.9	1.9	1.0	.0		.0						3.8	5.5
NNW	.7	1.3	.7	.1								2.9	5.3
VARBL													
CALM												20.3	
	21.4	34.5	19.0	3.9	.4	.1						100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 2401

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13707
STATION

DOVER AFB DELAWARE
STATION NAME

43-46, 51-72
YEARS

JUL
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	2.6	1.3	.1								5.6	5.0
NNE	.5	1.2	.7	.5								2.9	6.3
NE	.3	1.0	.9	.3	.0							2.5	7.0
ENE	.3	.5	.3	.0								1.0	5.4
E	.5	.3	.3	.0								1.2	5.1
ESE	.5	.4	.6									.9	4.0
SE	.8	.8	.4	.2								2.2	5.1
SSE	1.0	1.0	.5	.1								2.6	4.6
S	2.5	3.8	2.1	.3								8.8	5.2
SSW	2.6	4.3	2.5	.4	.0							9.3	5.3
SW	3.9	5.7	3.4	.6								13.6	5.4
WSW	1.7	2.3	.7									4.7	4.4
W	2.8	3.6	1.0		.0							7.2	4.4
WNW	.8	.7	.3	.1								1.9	4.9
NW	1.0	2.8	.9									4.4	4.9
NNW	1.4	1.3	.7	.1								3.5	4.6
VARBL													
CALM												27.0	
	22.1	31.9	16.2	2.7	.1							100.0	3.4

TOTAL NUMBER OF OBSERVATIONS 2397

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13707
STATION

DOVER AFB DELAWARE
STATION NAME

43-46, 51-72
YEARS

JUL
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	3.2	2.7	.8	.4							8.6	6.2
NNE	.7	1.8	1.3	.4								4.2	6.4
NE	.5	1.2	2.0	.8								4.6	7.7
ENE	.4	.8	1.0	.2	.0							2.5	6.9
E	1.0	.8	.6	.2								2.5	5.4
ESE	.2	.6	.4	.1								1.3	6.2
SE	.8	.8	.9	.0								2.5	5.4
SSE	1.0	1.2	.6	.0								2.8	5.0
S	1.8	3.0	2.0	.4								7.2	5.7
SSW	1.3	3.2	3.8	.9	.1							9.1	6.9
SW	1.6	3.2	4.6	1.2	.2	.0						10.2	7.2
WSW	1.5	2.4	1.9	.3								6.4	5.7
W	2.1	4.2	2.4	.2	.0							9.0	5.5
WNW	.5	1.8	.8	.1								3.2	3.5
NW	1.1	2.0	1.6	.4								5.1	5.9
NNW	1.0	2.5	1.6	.2								5.2	5.8
VARBL													
CALM												14.9	
	17.2	33.2	28.0	6.2	.5	.0						100.0	5.3

TOTAL NUMBER OF OBSERVATIONS

2397

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13707
STATION

DOVER AFB DELAWARE
STATION NAME

43-46,51-72
YEARS

JUL
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	2.0	2.9	1.0								7.7	7.0
NNE	.4	1.2	1.8	.5								3.9	7.3
NE	.5	1.9	2.5	.8								5.0	7.4
ENE	1.0	1.5	1.6	.4								4.5	6.5
E	.9	2.3	2.4	.7								6.3	6.8
ESE	.7	2.0	2.3	.4	.0							5.5	6.9
SE	.6	1.9	1.6	.4	.2							4.7	6.9
SSE	.3	1.0	.5	.1								2.3	5.8
S	.6	1.7	2.2	.2								5.1	7.0
SSW	.6	1.5	3.3	1.3		.0						6.8	8.2
SW	1.0	3.2	4.0	2.1	.2	.1						10.7	8.1
WSW	.8	2.3	2.8	.8	.0							6.7	7.2
W	1.2	3.0	3.7	.9	.1							8.9	7.0
WNW	.0	1.4	2.2	.5	.2							5.1	7.2
NW	.6	1.0	2.8	.9	.0	.0						6.7	7.6
NNW	.6	1.4	1.5	.5	.0							4.0	6.9
VARBL													
CALM												6.0	
	11.6	30.8	38.5	11.9	.0	.2						100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 2394

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13707
STATION

DOVER AFB DELAWARE
STATION NAME

43-46, 51-72
YEARS

JUL
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	2.2	2.1	.9								5.9	6.6
NNE	.2	1.0	1.0	.3								2.4	7.1
NE	.5	1.4	1.4	.5								3.8	7.0
ENE	.3	1.0	.9	.1								2.3	6.4
E	.8	2.6	4.0	.6								8.1	7.2
ESE	.6	3.0	6.2	2.0	.0							11.8	8.2
SE	.6	2.6	4.9	2.4	.2	.1	.0					10.9	8.7
SSE	.3	.8	1.4	.3		.0						2.9	7.6
S	.4	.6	2.0	1.1	.1							4.9	8.8
SSW	.2	1.6	2.3	1.3	.2	.0						5.7	8.9
SW	.4	1.5	3.6	2.5	.2	.1						8.3	9.4
WSW	.3	1.4	3.6	1.8	.0	.0						7.3	8.8
W	.5	3.0	4.3	1.6	.2							9.7	8.0
WNW	.5	1.5	2.5	.9	.2	.0						5.8	8.4
NW	.3	1.1	2.7	1.2	.1							5.4	8.8
NNW	.1	.9	1.3	1.0	.0							3.3	8.9
VARBL													
CALM												2.4	
	6.8	26.8	44.1	18.2	1.3	.3	.0					100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 2385

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13707
STATION

DOVEP AFB DELAWARE
STATION NAME

43-46, 51-72
YEARS

JUL
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.4	2.3	.4			.0					4.4	7.6
NNE	.1	.4	.4	.3								1.2	8.0
NIE	.4	.7	.7	.3								2.0	7.0
ENE	.1	.3	.6	.4	.0							1.4	8.6
E	.6	2.8	2.8	.7								6.9	7.1
ESE	.3	3.1	6.1	2.3	.3							12.5	8.5
SE	.6	3.2	9.1	2.9	.3	.0	.0					16.2	8.7
SSE	.3	1.2	2.2	.9	.0							4.7	8.7
S	.3	1.1	2.2	1.3	.1							5.2	8.7
SSW	.4	1.0	2.7	1.7	.1							6.0	9.2
SW	.3	1.6	4.3	2.6	.3	.0	.0					9.6	9.3
WSW	.3	1.6	3.1	1.3	.1							6.4	8.3
W	.3	3.3	4.4	2.0	.1							10.2	8.3
WNW	.2	1.0	1.6	.8	.1							3.7	8.6
NW	.2	1.2	1.8	1.0								4.2	8.4
NNW	.2	.9	1.4	.6	.1							3.2	8.2
VARBL													
CALM												2.1	
	5.7	24.7	45.8	19.6	1.7	.1	.1					100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 2405

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13707
STATION

DOVER AFB DELAWARE
STATION NAME

43-46, 51-72
YEARS

JUL
MONTH

ALL WEATHER
CLASS

1870-2000
YEARS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.4	.0	.4								2.9	5.6
NNE	.5	.4	.5									1.4	5.3
NE	.4	.5	.5	.5								1.5	7.0
ENE	.2	.2	.4	.2	.0							1.2	7.4
E	1.0	1.5	1.0	.5								3.9	6.0
ESE	.7	2.2	2.2	.7								5.6	6.6
SE	1.4	5.6	4.7	.8	.1							13.1	6.4
SSE	1.8	4.4	3.4	.3								10.3	5.8
S	1.8	5.0	5.0	.4	.0							12.8	6.5
SSW	.9	3.2	3.2		.1							8.6	7.2
SW	1.9	4.0	3.9		.2							11.6	7.0
WSW	1.0	2.5	1.5	.4	.0							5.2	5.8
W	1.0	2.3	1.8	.1								5.2	5.7
WNW	.2	.7	.9	.5	.1							2.5	8.2
NW	.5	1.3	.8	.2	.0							2.8	6.2
NNW	.4	1.0	.5	.1	.0							2.0	5.8
VARBL													
CALM												9.5	
	14.8	36.4	31.0	7.5	.8							100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 2397

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13707
STATION

DOVER AFB DELAWARE
STATION NAME

43-46, 51-72
YEARS

JUL
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	5.2
NNE	.0	.4	.8	.0	.0	.0	.0	.0	.0	.0	.0	1.2	6.8
NE	.0	.4	.2	.4	.0	.0	.0	.0	.0	.0	.0	1.0	7.1
ENE	.0	.4	.2	.0	.0	.0	.0	.0	.0	.0	.0	1.0	5.7
E	.0	1.0	.3	.1	.0	.0	.0	.0	.0	.0	.0	2.2	4.8
ESE	.0	.7	.6	.4	.0	.0	.0	.0	.0	.0	.0	2.5	6.4
SE	2.0	2.3	1.0	.1	.0	.0	.0	.0	.0	.0	.0	5.5	4.7
SSE	2.0	3.9	.8	.0	.0	.0	.0	.0	.0	.0	.0	6.7	4.6
S	4.6	9.3	4.5	.7	.0	.0	.0	.0	.0	.0	.0	19.2	5.3
SSW	2.2	4.0	4.0	.7	.1	.0	.0	.0	.0	.0	.0	11.8	6.2
SW	2.0	5.4	4.0	.9	.1	.0	.0	.0	.0	.0	.0	12.4	6.4
WSW	1.4	2.3	1.1	.2	.0	.0	.0	.0	.0	.0	.0	5.1	5.2
W	1.1	2.2	.7	.2	.0	.0	.0	.0	.0	.0	.0	4.3	5.2
WNW	.0	.8	.4	.3	.0	.0	.0	.0	.0	.0	.0	1.8	7.0
NW	.0	1.4	.6	.1	.0	.0	.0	.0	.0	.0	.0	2.6	5.6
NNW	.0	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	1.2	5.4
VARBL													
CA'M												17.8	
	19.5	37.6	20.3	4.5	.4	.0						100.0	4.6

TOTAL NUMBER OF OBSERVATIONS

2404

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13707
STATION

DOVER AFB DELAWARE
STATION NAME

43-46, 51-72
YEARS

AUG
MONTH

ALL WEATHER
CLASS

0600-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	2.0	1.6	.6		.0						6.0	6.0
NNE	.7	1.7	.8	.2			.0					3.4	6.0
NE	.4	1.0	.9	.3								2.6	6.8
ENE	.4	.4	.5	.3								1.6	7.1
E	.5	1.0	.8	.0	.0	.0						2.7	5.9
ESE	.5	.4	.4		.0							1.3	5.8
SE	.6	.0	.6	.2								2.2	5.9
SSE	1.4	.7	.5	.0								2.6	4.1
S	4.0	5.4	2.9	.2	.1							12.6	5.0
SSW	2.9	4.6	2.9	.4								11.0	5.4
SW	3.4	4.0	3.5	.7								12.3	5.6
WSW	2.1	2.1	1.0	.2	.0							5.4	4.9
W	2.4	2.8	.6	.2	.0							5.8	4.6
WNW	.6	.8	.5	.0								2.0	5.2
NW	1.4	1.6	1.1	.2		.0						4.3	5.4
NNW	1.1	1.1	.8	.1								3.1	5.0
VARBL													
CALM												21.6	
	23.4	31.3	19.0	3.9	.2	.1	.0					100.0	4.2

TOTAL NUMBER OF OBSERVATIONS

2411

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13707
STATION

DOVER AFB DELAWARE
STATION NAME

43-46, 51-72
YEARS

AUG
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.5	3.2	1.7	.2	.0							7.7	5.1
NNE	.7	1.5	1.0	.3	.0							3.5	6.2
NE	.5	1.2	1.0	.5								3.2	6.8
ENE	.2	.6	.5	.3								1.7	7.4
E	.2	.6	.3	.0								1.2	5.4
ESE	.2	.5	.1	.1	.1							1.0	6.2
SE	.4	.6	.2	.2	.1	.0						1.9	7.2
SSE	.9	1.0	.2									2.1	4.2
S	3.2	3.7	1.0	.4								9.1	4.9
SSW	3.0	4.0	1.9	.5								9.3	5.2
SW	2.9	4.2	3.1	.5								10.7	5.6
WSW	2.2	2.0	.7	.1	.0							5.0	4.2
W	2.9	2.5	.9	.2	.1							6.6	4.6
WNW	1.2	1.1	.8	.1		.0						3.2	5.2
NW	2.0	2.3	1.2	.1								5.6	4.9
NNW	.9	2.5	1.1	.1	.0							4.6	5.6
VARBL													
CALM												23.4	
	24.1	31.5	16.8	5.5	.4	.1						100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 2410

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13707
STATION

DOVER AFB DELAWARE
STATION NAME

43-46, 51-72
YEARS

AUG
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.4	3.7	3.2	.7								10.0	5.9
NNE	1.0	2.2	2.3	.6								6.1	6.8
NE	.4	1.6	2.0	.9	.3							4.7	7.6
ENE	.2	.8	1.0	.2	.1							2.3	7.8
E	.3	.4	.5	.4		.0						2.1	7.2
ESE	.3	.2	.4	.2	.0							1.2	7.2
SE	.3	.5	.6	.1	.1							1.4	6.6
SSE	1.1	1.0	.5	.1	.1	.0						2.8	5.9
S	2.7	3.2	2.3	.3								8.5	5.4
SSW	1.4	2.8	2.3	.4	.0							7.0	6.0
SW	1.6	3.4	3.5	.9	.1							9.4	6.7
WSW	1.4	2.2	1.5	.3	.0							5.5	5.7
W	2.5	2.9	1.9	.3								7.5	5.4
WNW	1.0	1.1	1.2	.2	.1							3.6	6.4
NW	1.1	3.0	1.9	.4	.1							6.5	6.3
NNW	1.0	2.5	1.4	.2	.1							5.7	6.1
VARBL													
CALM												15.2	
	18.9	31.9	27.0	6.0	1.0	.1						100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 2402

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13707
STATION

DOVER AFB DELAWARE
STATION NAME

43-46,51-72
YEARS

AUG
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	2.3	3.6	1.1	.0							8.5	7.0
NNE	.6	1.7	2.5	.6								5.5	7.0
NE	.7	1.2	2.6	.9	.1	.1						5.6	8.1
ENE	.6	1.8	1.6	.6								4.6	7.0
E	1.4	2.7	2.5	.6	.0							7.2	6.4
ESE	.6	1.9	2.1	.7	.2	.1		.0				5.7	7.8
SE	.7	1.5	1.7	.2		.0						4.2	6.7
SSE	.3	.7	1.0	.2	.0	.0						2.2	7.5
S	1.1	2.0	2.4	.6	.0							6.1	6.8
SSW	.3	1.7	2.6	.9	.0	.0						5.6	8.1
SW	1.0	1.8	3.4	1.2	.2							7.5	7.9
WSW	.6	1.9	2.5	1.3	.1							6.4	8.1
W	1.3	3.8	3.4	.7	.0							9.2	6.7
WNW	.4	1.6	2.1	.7	.2							4.9	7.8
NW	.7	2.0	2.2	.9	.2							6.0	7.8
NNW	.8	1.6	1.7	1.2	.2							5.5	8.0
VARBL													
CALM												5.3	
	12.8	30.0	37.7	12.5	1.4	.3		.0				100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 2415

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13707
STATION

DOVER AFB DELAWARE
STATION NAME

43-46, 51-72
YEARS

AUG
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.9	2.7	.7								6.4	6.9
NNE	.2	1.3	2.1	.3	.0	.0						4.0	7.4
NE	.3	1.1	1.0	.5	.3	.0						3.0	7.8
ENE	.0	.9	.9	.3	.0							2.7	6.9
E	1.1	3.9	3.2	1.0		.0						9.3	6.9
ESE	.5	3.4	5.5	1.9	.3	.0	.0					11.5	8.1
SE	.6	1.5	4.8	1.7	.3	.1						8.7	8.9
SSE	.4	.4	.8	.2								1.9	7.1
S	.3	1.1	1.4	.7	.3							3.6	8.1
SSW	.5	1.3	1.8	1.7	.2	.1						5.5	9.2
SW	.3	1.9	3.6	1.5	.2	.1						7.6	8.8
WSW	.7	1.2	2.7	1.1	.3							5.7	8.3
W	.6	2.8	5.1	1.6	.0							10.2	8.0
WNW	.3	1.5	2.3	1.2	.2							5.5	8.7
NW	.5	1.4	2.2	1.5	.2							5.8	9.0
NNW	.6	1.7	1.7	.7	.3							4.9	7.5
VARBL													
CALM												3.6	
	8.2	27.2	41.8	16.7	1.7	.5	.0					100.0	7.8

TOTAL NUMBER OF OBSERVATIONS

2400

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13707

DOVER AFB DELAWARE

43-46,51-72

AUG

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

1500-1700

CLASS

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	2.0	2.8	.7	.0							6.0	7.4
NNE	.2	.9	.9	.1	.0							2.2	6.8
NE	.4	.5	.9	.3	.2							2.2	9.3
ENE	.3	.7	.8	.3	.1							2.0	7.4
E	1.0	2.3	2.6	.9	.0							6.9	7.1
ESE	.7	4.2	5.7	1.9	.1	.0						12.5	7.9
SE	.7	3.4	8.6	2.4	.3	.0						15.4	8.4
SSE	.3	1.1	1.6	.4	.1							3.5	7.8
S	.3	.7	1.7	1.2	.0							3.9	8.8
SSW	.2	.9	2.3	2.2	.2							5.9	9.9
SW	.3	1.7	3.7	1.3	.2	.0						7.3	8.7
WSW	.4	1.7	2.8	1.0								5.9	7.9
W	.7	2.6	4.8	.8								8.5	7.4
WNW	.3	1.2	1.6	1.2	.2							4.6	8.9
NW	.5	1.7	2.6	1.7								6.5	8.3
NNW	.2	1.5	1.7	.6	.0							4.0	7.5
VARBL													
CALM												2.7	
	6.9	27.1	44.7	16.9	1.7	.1						100.0	7.9

TOTAL NUMBER OF OBSERVATIONS

2408

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13707
STATION

DUVER AFB DELAWARE
STATION NAME

43-46, 51-72
YEARS

AUG
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.4	.8	.2	.0							3.2	6.0
NNE	.2	.4	.7	.6	.0							1.7	7.0
NE	.2	.6	.7	.2	.0		.1					2.0	7.9
ENE	.2	.6	.7	.4			.0					1.9	8.6
E	.5	1.6	1.1	.9								3.7	6.8
ESE	.6	2.5	2.2	.5	.0							5.9	6.9
SE	2.7	4.9	4.3	.5	.1							12.5	6.0
SSE	1.9	3.7	2.8	.4								8.9	5.7
S	2.7	5.3	3.4	.9	.1	.0						11.9	5.8
SSW	1.7	3.0	2.9	.6								8.2	6.3
SW	1.8	2.1	3.2	.9		.0						8.4	6.3
WSW	1.2	2.4	.9	.0								4.4	5.0
W	1.9	2.4	1.5		.0							5.5	4.5
WNW	.5	1.4	.6	.2	.1							3.0	6.2
NW	.9	1.5	1.2	.2								3.8	5.5
NNW	.7	1.7	.8	.2								3.4	5.7
VARBL													
CALM												11.3	
	18.6	36.0	28.0	5.3	.5	.1	.1					100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 2405

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/HAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13707

DOVER AFB DELAWARE

43-46, 51-72

AUG

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

2100-2300

CLASS

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	1.1	.7	.5								3.2	6.2
NNE	.3	.4	1.0	.2								2.0	7.3
NE	.5	.5	.9	.1	.1							2.1	6.8
ENE	.2	.4	1.2	.2	.1	.0	.0					2.2	8.6
E	.6	1.2	1.2	.2								3.2	6.2
ESE	.6	.9	.7	.1	.0							2.4	5.8
SE	.9	1.6	1.3	.4	.0							4.2	6.5
SSE	2.7	3.1	1.5	.2								7.5	4.7
S	4.4	8.3	4.2	.5								17.3	5.3
SSW	3.1	4.6	3.2	.5								11.4	5.5
SW	2.5	4.0	2.9	.5	.0							10.0	5.8
WSW	1.7	1.6	.7	.2								4.1	4.9
W	1.3	1.8	.9	.3								4.4	5.3
WNW	.4	1.2	.5	.0								2.1	5.2
NW	1.1	1.4	.9	.2								3.6	5.4
NNW	.5	.7	.4	.1	.0							1.8	5.7
VARBL													
CALM												18.5	
	21.8	32.8	22.2	4.4	.3	.0	.0					100.0	4.6

TOTAL NUMBER OF OBSERVATIONS

2410

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/HAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13707

DOVER AFB DELAWARE

43-46, 50-72

SEP

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

0000-0200

CLASS

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	3.1	2.8	.9	.1							8.8	6.5
NNE	.5	1.2	1.6	1.0								4.2	8.0
NE	.4	1.9	2.5	.7	.2							5.3	8.2
ENE	.3	.5	1.0	.6	.1			.1				2.6	9.9
E	.6	.6	.6	.7	.0							2.5	7.7
ESE	.4	.9	.6	.3	.0							2.3	6.7
SE	.3	.8	.6	.1	.0	.1						1.8	7.4
SSE	.3	1.0	.5	.1								2.1	5.1
S	3.3	4.8	2.9	.6	.0							11.7	5.4
SSW	2.1	3.9	1.6	.5	.0							8.1	5.4
SW	1.6	3.0	2.8	.5	.0							7.8	6.1
WSW	1.1	1.7	.9	.1	.0							3.8	5.1
W	2.0	2.5	1.1	.3								5.9	4.9
WNW	.4	1.3	.9	.2								2.7	6.3
NW	.9	1.9	1.8	.2	.1							4.9	6.2
NNW	.6	1.9	1.1	.1	.1							4.1	5.6
VARBL													
CALM												21.4	
	17.1	30.4	23.2	6.8	.9	.1		.1				100.0	4.9

TOTAL NUMBER OF OBSERVATIONS

2397

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13707
STATION

DOVER AFB DELAWARE
STATION NAME

43-46, 50-72
YEARS

SEP
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.4	4.0	3.1	1.0	.2							10.6	6.3
NNE	.5	2.0	1.5	1.2	.1							5.3	7.8
NE	.4	1.7	2.8	1.0	.5							6.1	8.2
ENE	.2	.4	1.2	.7	.1		.0					2.7	9.7
E	.4	.4	.5	.7	.5		.1					2.3	9.6
ESE	.2	.3	.6	.2	.0	.0						1.7	8.0
SE	.4	.5	.5	.3								1.7	6.5
SSE	.6	.7	.3			.0						1.6	5.4
S	2.7	3.6	2.0	.1								8.3	4.9
SSW	2.2	2.9	1.8	.5	.0							7.4	5.5
SW	1.9	2.9	2.3	.4	.1							7.7	6.0
WSW	1.1	1.7	.5									3.3	4.3
W	2.0	2.5	1.1	.0								5.6	4.7
WNW	.7	1.2	.9	.1								2.8	5.5
NW	1.5	2.5	2.2	.2	.0							6.4	5.8
NNW	2.0	2.0	1.2	.2								5.3	4.8
VARBL													
CALM												21.0	
	19.2	29.5	22.5	6.6	1.0	.1	.1					100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 2400

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13707
STATION

DOVER AFB DELAWARE
STATION NAME

43-46, 50-72
YEARS

SEP
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	4.3	4.3	1.5	.3							12.3	7.0
NNE	.5	1.6	3.1	1.6	.2		.0					7.1	8.8
NE	.3	1.8	3.4	1.1	.4	.0						7.0	8.6
ENE	.1	.9	1.3	.8	.1		.1					3.4	9.4
E	.4	.8	.9	.7	.0	.0		.0				2.9	8.4
ESE	.2	.5	.5	.3	.0							1.5	7.6
SE	.3	.8	.7	.4	.0	.0						2.5	7.3
SSE	.5	.7	.5	.1		.1						1.9	6.7
S	1.2	3.1	2.0	.4	.0							6.7	5.9
SSW	.8	2.9	2.4	1.1	.0		.0					7.3	7.1
SW	1.5	3.0	2.3	.6	.1	.0						7.7	6.4
WSW	1.0	1.6	.6	.1								3.3	4.9
W	1.4	2.8	1.1	.3								5.6	5.2
WNW	.5	.7	1.0	.2	.0							2.5	6.6
NW	1.4	2.8	1.9	.8	.1							6.9	6.4
NNW	1.4	2.4	2.5	.4								6.7	6.1
VARBL													
CALM												14.0	
	13.7	30.5	28.7	10.3	1.5	.3	.2	.0				100.0	5.9

TOTAL NUMBER OF OBSERVATIONS

2393

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13707
STATION

DOVER AFB DELAWARE
STATION NAME

43-46, 50-72
YEARS

SEP
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	2.4	5.3	2.3	.3		.0					11.0	8.7
NNE	.7	1.2	3.2	1.8	.1							7.3	8.5
NE	.2	1.8	3.8	1.9	.2	.0						8.3	8.8
ENE	.4	.9	2.3	1.2	.2	.2						5.2	9.8
E	.6	2.7	3.7	1.3	.3							8.8	8.2
ESE	.4	1.5	1.3	.6	.0	.1						3.9	7.9
SE	.3	1.0	1.0	.5	.1							2.9	8.0
SSE	.2	.5	.5	.1								1.3	6.3
S	.7	1.2	2.7	1.0	.1							5.6	7.9
SSW	.3	1.5	2.1	1.5	.3	.1						8.8	9.1
SW	.6	2.4	3.8	2.1	.3	.0						9.2	8.5
WSW	.3	1.8	2.0	.6	.1							4.8	7.8
W	.7	2.2	1.5	.8	.1							5.3	7.1
WNW	.5	.7	1.6	.8	.1							3.8	8.4
NW	.4	1.1	2.3	1.5	.2	.0		.0				5.7	9.5
NNW	.5	1.5	2.5	1.0	.3	.0		.0				6.3	8.6
VARBL													
CALM												4.7	
	7.8	25.2	39.5	19.2	2.9	.6	.0	.1				100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 2395

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13707
STATION

DOVER AFB DELAWARE
STATION NAME

43-46, 50-72
YEARS

SEP
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	1.0	4.1	1.0		.0						8.2	8.2
NNE	.4	1.2	2.2	1.1	.1		.1					5.0	8.8
NE	.4	1.2	2.0	1.2	.1	.1						5.1	8.9
ENE	.3	1.4	1.7	1.0	.1	.1		.0				4.7	8.7
E	1.0	4.3	4.3	1.8	.2							11.5	7.5
ESE	.3	2.1	5.0	2.1	.2		.0					9.8	8.8
SE	.3	1.2	3.0	1.6	.2							6.5	9.1
SSE	.1	.4	.9	.3	.0							1.7	8.1
S	.5	1.0	1.9	.8	.2							4.5	7.9
SSW	.3	1.0	2.0	1.2	.3							4.8	9.4
SW	.3	1.2	2.9	2.8	.3	.1						7.0	10.1
WSW	.3	.9	1.6	1.4	.1	.0						4.2	9.4
W	.6	1.9	2.7	1.3	.4							7.0	8.6
WNW	.3	.8	1.7	1.1	.3							4.4	9.2
NW	.3	1.5	2.5	2.1	.1		.0					6.6	9.5
NNW	.4	1.2	2.4	1.1	.1							5.1	8.6
VARBL													
CALM												3.2	
	6.5	23.3	40.5	22.8	2.9	.3	.2	.0				100.0	8.5

TOTAL NUMBER OF OBSERVATIONS 2391

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13707

NOVEK AFB DELAWARE

43-46, 50-72

SFP

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

1500-1700

CLASS

HOURLS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥55	%	MEAN WIND SPEED
N	.7	2.0	3.8	.8	.1							7.3	7.6
NNE	.3	1.1	1.0	.4	.0	.2		.0	.0			3.1	9.1
NE	.6	.9	1.3	1.0	.2							3.9	8.5
ENE	.5	.9	1.2	1.2	.1	.1	.0					4.0	9.4
E	1.0	2.3	2.8	1.2	.2							7.5	7.7
ESE	.5	2.8	4.9	2.7	.3							11.2	8.6
SE	.5	3.1	6.7	2.6	.2							13.1	8.5
SSE	.2	.9	1.2	.2	.0							2.6	7.5
S	.3	.7	2.0	1.3	.2							4.5	9.3
SSW	.3	1.3	2.4	1.0	.3	.1						5.8	9.2
SW	.3	1.3	2.9	1.7	.2	.0						6.4	9.3
WSW	.3	1.0	1.7	.9								4.1	7.8
W	.4	1.8	3.3	1.3	.1							6.7	8.1
WNW	.4	1.3	2.2	1.1	.2	.1						4.9	9.0
NW	.3	1.5	3.0	1.6	.2							6.5	8.6
NNW	.1	1.2	1.9	.8	.2			.0				4.2	8.6
VARBL													
CALM												4.3	
	6.7	24.2	42.0	19.8	2.4	.5	.0	.1	.0			100.0	8.2

TOTAL NUMBER OF OBSERVATIONS

2399

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13707
STATION

DOVER AFB DELAWARE
STATION NAME

43-46, 50-72
YEARS

SEP
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.0	1.0	.5	.1	.1						5.4	7.1
NNE	.3	.8	.9	.5	.1	.0	.1					2.7	8.3
NE	.4	1.3	1.3	1.3	.0	.0						4.3	8.6
ENE	.2	.7	1.0	1.1	.2		.0	.1				3.2	10.4
E	.7	1.5	1.0	.9	.3							5.1	8.3
ESE	1.1	2.0	1.5	.9	.0							5.1	6.2
SE	2.1	4.0	2.9	.5								9.5	5.9
SSE	1.0	3.4	1.7	.2								6.9	5.3
S	2.7	5.0	3.2	.7	.1							12.3	5.9
SSW	1.3	2.3	2.3	.6	.0							6.6	6.5
SW	1.0	2.2	1.0	.3								5.7	5.6
WSW	.8	2.0	.8	.1								3.6	5.1
W	1.2	2.1	1.0	.1								4.5	5.2
WNW	.6	1.0	.7	.0	.1							2.4	5.3
NW	.9	1.8	1.5	.2	.0							4.4	6.0
NNW	.6	2.1	1.1	.3	.0	.0						4.2	6.4
VARBL													
CALM												13.0	
	17.2	34.7	23.1	7.8	.9	.2	.1	.1				100.0	5.5

TOTAL NUMBER OF OBSERVATIONS

2395

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13707
STATION

DOVER AFB DELAWARE
STATION NAME

43-46,50-72
YEARS

SEP
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.0	2.0	.9		.1						5.0	7.2
NNE	.3	1.3	1.3	.7	.0							3.6	7.7
NE	.4	1.5	2.2	.6	.1	.0	.0					4.8	8.2
ENE	.4	.6	1.3	.7	.2		.1	.0				3.3	9.7
E	.6	1.8	1.4	.8	.2							4.7	7.7
ESE	.6	1.2	.6	.4								2.8	6.4
SE	1.0	1.0	.8	.2								3.0	5.4
SSE	1.3	1.8	1.0	.0								4.4	4.8
S	4.3	6.4	4.3	.4	.1							15.8	5.3
SSW	2.1	3.0	2.3	.7	.0							8.2	6.0
SW	1.7	2.6	2.5	.6								7.4	6.1
WSW	1.1	1.5	1.0	.1								3.0	5.2
W	1.3	1.7	1.3	.1	.0							4.6	5.4
WNW	.3	1.0	.8	.2	.1	.0						2.4	6.7
NW	.7	1.7	1.5	.3								4.2	6.4
NNW	.3	1.9	1.2	.2	.0	.0						3.7	6.5
VARBL													
CALM												17.8	
	18.3	30.5	25.4	6.8	.8	.2	.1	.0				100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 2399

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13707
STATION

DOVER AFB DELAWARE
STATION NAME

43-45, 50-72
YEARS

OCT
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	3.1	2.6	1.1	.0							8.4	6.7
NNE	.3	1.7	2.5	.3	.2	.0						5.4	8.1
NE	.6	1.5	2.1	1.1	.3							5.4	8.0
ENE	.6	.9	1.0	.7	.4							3.3	7.8
E	.4	.9	.7	.5	.0							2.6	7.3
ESE	.3	.2	.2	.3		.0						1.3	8.9
SE	.4	.6	.2	.0								1.7	3.9
SSE	.6	.9	.5									2.0	4.9
S	2.4	3.8	1.7	.5								8.5	5.3
SSW	1.8	2.4	1.4	.5								6.0	5.3
SW	1.0	2.8	2.0	.7	.0							6.4	6.4
WSW	1.2	2.5	1.5	.3								5.6	3.6
W	1.4	3.0	2.1	.5	.1							7.1	6.0
WNW	.7	1.7	1.7	.4								4.3	6.6
NW	.9	2.1	2.4	1.0								6.4	7.1
NNW	.7	2.0	1.9	1.0	.2	.0						5.7	7.6
VARBL													
CALM												19.5	
	15.0	30.1	25.1	9.3	.8	.2						100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 2407

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13707
STATION

DOVER AFB DELAWARE
STATION NAME

43-45, 50-72
YEARS

0300
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	4.1	2.9	1.3	.1							10.6	6.5
NNE	1.2	2.2	2.4	.9	.2	.1						7.0	7.3
NE	.6	1.1	2.2	1.2	.1							5.1	8.2
ENE	.6	1.0	.8	.5		.1						3.1	7.3
E	.3	.5	.9	.3	.0							2.3	7.3
ESE	.3	.1	.2	.3	.1							.9	8.2
SE	.2	1.0	.4	.3								1.9	6.6
SSE	.5	.8	.2	.0								1.5	4.6
S	1.8	2.7	1.6	.3	.0							6.5	5.4
SSW	1.4	2.4	1.3	.2								5.3	5.5
SW	1.4	2.8	2.1	.4	.1	.0						6.8	6.2
WSW	1.2	1.7	1.3	.1	.0							4.3	5.5
W	1.7	3.9	2.3	.3								8.2	5.6
WNW	.8	1.4	1.2	.4								3.8	6.5
NW	1.2	2.8	2.5	.8	.1							7.4	6.7
NNW	.7	2.1	2.6	.8	.2		.0					6.4	7.6
VARBL													
CALM												19.0	
	16.4	30.5	24.7	8.1	1.0	.2	.0					100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 2409

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13707
STATION

COVER AFB DELAWARE
STATION NAME

43-45, 50-72
YEARS

OCT
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.4	3.4	3.9	1.5	.4							11.3	6.8
NNE	1.0	2.1	2.7	1.0	.4	.1						7.3	8.0
NE	.5	1.6	2.0	1.5	.1							5.8	8.5
ENE	.3	.9	1.1	.5	.0							2.9	7.6
E	.5	1.1	1.0	.2	.1							2.8	7.0
ESE	.1	.2	.2	.1	.0							.7	7.3
SE	.1	.3	.3	.4		.0						1.5	8.6
SSE	.2	.8	.6	.1		.0						1.3	6.7
S	1.2	1.7	1.6	.3								4.9	5.7
SSW	.7	2.2	1.7	.7	.0							5.3	6.8
SW	1.4	2.7	1.7	.5		.1						6.4	6.4
WSW	.9	1.9	1.7	.4	.0		.0					4.9	6.5
W	1.7	3.5	2.1	.7	.1							8.1	6.1
WNW	.8	2.0	2.5	1.0	.0							6.4	7.4
NW	.7	2.0	2.5	.8	.1	.0						6.5	7.4
NNW	.8	2.0	2.1	1.5	.3	.2						6.8	8.5
VARBL													
CALM												16.7	
	13.3	28.5	28.3	11.2	1.5	.5	.0					100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 2406

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12707
STATION

DOVER AFB DELAWARE
STATION NAME

43-45, 50-72
YEARS

OCT
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	2.2	4.0	3.3	.6	.0						11.7	9.3
NNE	.3	1.8	2.6	2.1	.3	.2						7.4	9.4
NE	.7	1.7	3.0	1.6	.3	.1						7.5	8.7
ENE	.6	1.1	1.8	1.4	.1	.1						5.0	8.9
E	.8	2.2	2.0	.8	.2	.1						6.1	7.6
ESE	.4	.7	1.0	.5								2.6	7.3
SE	.2	.7	1.0	.4	.0							2.2	8.1
SSE	.3	.5	1.0	.4	.1							2.2	8.1
S	.3	1.1	1.5	1.2	.1							4.2	8.6
SSW	.4	.7	1.8	.9	.1							3.9	8.7
SW	.6	1.4	2.1	1.3		.1	.0					5.6	8.6
WSW	.4	1.2	2.9	1.4	.2							6.2	8.9
W	.8	2.0	2.9	1.9	.1							8.4	8.2
WNW	.3	.8	2.5	2.1	.5	.1						6.4	10.6
NW	.3	1.1	2.6	2.7	.6	.1						7.5	10.5
NNW	.4	1.0	2.8	2.2	.9	.2						7.9	10.9
VARBL													
CALM												5.1	
	7.7	20.7	36.4	24.6	4.2	1.1	.0					100.0	8.7

TOTAL NUMBER OF OBSERVATIONS

2407

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13707
STATION

DOVER AFB DELAWARE
STATION NAME

43-45, 50-72
YEARS

GCT
NORTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	1.5	3.8	2.1	.8	.1						8.6	9.3
NNE	.1	1.1	1.8	1.4	.3	.1						4.9	9.9
NE	.8	.8	1.8	.9	.5	.0						4.3	9.6
ENE	.6	1.1	1.6	1.0	.2	.1	.0					4.6	9.2
E	1.1	3.0	3.0	1.3	.2	.0						8.6	7.5
ESE	.5	2.2	4.0	1.2	.1	.0						9.0	8.1
SE	.3	1.2	2.2	1.4	.0							5.2	8.8
SSE	.0	.5	.7	.2	.1	.0						1.5	8.7
S	.3	.7	1.6	.9	.1							3.7	8.7
SSW	.6	.7	1.4	1.3	.3	.1						4.1	10.4
SW	.2	.7	2.0	1.7	.1	.0						4.7	10.0
WSW	.2	1.1	2.7	2.2	.3							6.5	9.9
W	.3	2.6	3.7	2.3	.3	.0						9.6	9.2
WNW	.2	1.3	2.5	2.9	.6							7.5	10.7
NW	.1	1.2	2.4	3.2	1.0	.3						8.2	11.6
NNW	.2	1.1	2.6	2.4	.4	.1	.1					7.0	10.7
VARBL													
CALM												2.9	
	5.3	20.8	37.9	26.4	5.3	1.2	.2					100.0	9.3

TOTAL NUMBER OF OBSERVATIONS 2406

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13707
STATION

DDVER AFB DELAWARE
STATION NAME

43-45, 50-72
YEARS

OCT
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	2.1	2.9	1.1	.3	.0						7.1	8.1
NNE	.5	1.0	1.2	1.0	.1		.0					3.6	8.9
NE	.4	.4	1.0	.7		.1						2.7	8.9
ENE	.3	.9	.8	1.0	.4	.1	.0					3.5	10.0
E	1.0	2.0	2.1	1.0	.1							6.9	7.0
ESE	1.2	2.4	3.7	.9								8.7	6.9
SE	1.1	4.2	4.1	.9	.2	.1	.0					10.7	7.3
SSE	.3	1.2	1.1	.4		.0	.0					3.1	7.7
S	.1	1.1	1.8	.9								3.6	8.5
SSW	.5	.7	1.7	1.2	.1							4.0	9.4
SW	.5	1.5	3.4	1.0	.2							6.7	8.2
WSW	.3	1.5	1.8	.8		.0						4.5	8.0
W	.5	2.6	4.0	1.6	.3							9.1	8.2
WNW	.5	1.2	2.9	.3	.3	.0	.0					7.0	9.5
NW	.5	1.5	3.1	2.8	.4	.1	.0					8.3	10.2
NNW	.4	1.7	2.2	2.0	.4	.1						6.7	9.4
VARBL													
CALM												3.9	
	8.0	27.2	37.3	19.6	2.9	.7	.2					100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 2403

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13707
STATION

DOVER AFB DELAWARE
STATION NAME

43-45, 50-72
YEARS

OCT
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	2.2	1.5	.6	.1							5.0	7.0
NNE	.4	.7	.6	.5	.2	.1						2.5	8.9
NE	.1	.8	1.3	.7	.2	.0						3.4	9.1
ENE	.2	.8	1.4	1.0	.0	.1	.0					3.6	9.5
E	.7	1.5	1.7	.5	.0	.0						4.4	6.9
ESE	1.0	1.8	.9									3.7	5.0
SE	1.4	3.6	1.2	.5	.1							6.6	5.5
SSE	1.7	3.1	.9	.1								5.9	4.7
S	2.3	4.2	2.0	.2	.1							8.8	5.2
SSW	1.2	3.0	1.7	.7	.0			.0				6.8	6.4
SW	1.0	2.9	1.7	.4	.1						.0	6.1	6.6
WSW	.9	2.3	1.1	.1								4.4	5.4
W	1.0	2.7	1.7	.5	.1							6.0	6.3
WNW	.4	1.3	1.7	1.0	.0	.0						4.9	8.0
NW	.7	3.1	2.3	1.0	.4	.0						7.5	7.6
NNW	1.0	2.3	1.7	.7	.1							5.7	6.8
VARBL												15.1	
CALM													
	14.5	36.2	23.6	8.4	1.5	.4	.0	.0			.0	100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 2403

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13707
STATION

DOVER AFB DELAWARE
STATION NAME

43-45, 50-72
YEARS

OCT
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	2.0	2.3	.6	.1							5.7	7.2
NNE	.3	.9	1.6	1.0	.1		.0					3.9	8.8
NE	.3	1.3	1.8	.8	.2		.0					4.3	8.0
ENE	.3	1.0	.9	.8	.1							3.1	6.3
E	1.2	1.5	1.0	.4								4.1	6.0
ESE	.5	.6	.5	.0								1.7	5.6
SE	.7	1.0	.4									2.1	4.8
SSE	.9	1.6	.7	.0								3.3	4.9
S	3.5	5.1	2.0	.5								11.2	5.0
SSW	1.4	3.0	1.8	.6								6.7	6.0
SW	1.0	3.1	2.3	1.2								7.7	6.9
WSW	.5	2.3	1.0	.2			.0					3.9	5.9
W	1.0	3.4	1.7	.6	.1							6.7	6.4
WNW	.4	2.0	1.5	.5								4.4	6.9
NW	1.0	2.2	2.1	1.0	.2	.0	.0					6.6	7.9
NNW	.6	1.2	1.5	.9	.1	.0						4.3	8.1
VARBL													
CALM												19.9	
	14.3	32.2	23.1	9.2	1.0	.1	.2					100.0	5.3

TOTAL NUMBER OF OBSERVATIONS

2395

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13707
STATION

DOVER AFB DELAWARE
STATION NAME

43-45, 50-72
YEARS

NOV
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N	1.5	1.0	1.2	.7	.1							5.1	6.3
NNE	.7	.8	1.3	.4	.0							3.2	6.8
NE	.6	.9	.8	.4	.1	.0						3.0	7.0
ENE	.3	.7	.4	.4	.1		.0					1.9	8.1
E	.4	.8	.7	.0	.0	.2						2.2	7.4
ESE	.3	.5	.5	.2	.1	.2						2.0	8.9
SE	.6	.6	1.0	.2	.1	.1	.0					2.6	7.7
SSE	1.2	1.5	.3	.2								3.1	4.6
S	2.3	3.1	1.9	.4	.3							8.4	6.3
SSW	1.1	2.2	1.2	1.2	.5							6.2	7.7
SW	1.5	2.4	1.8	.6	.3							6.6	6.5
WSW	1.2	1.6	1.4	.3								4.5	6.0
W	1.5	4.0	2.3	1.4	.2	.0						10.0	7.0
WNW	.6	2.4	3.0	2.1	.3	.1						8.6	8.9
NW	1.1	2.7	3.1	2.7	.5	.2						10.3	8.9
NNW	.4	1.8	1.8	1.3	.2	.1						5.9	8.1
VARBL													
CALM												16.1	
	15.7	28.0	23.2	13.1	2.8	.9	.1					100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 2329

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13707
STATION

DOVER AFB DELAWARE
STATION NAME

43-45, 50-72
YEARS

NOV
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	1.5	2.0	.6	.0							5.8	6.8
NNE	.7	1.0	1.2	.7	.0							4.3	7.0
NE	.0	.8	.9	.3	.2		.1					2.8	7.9
ENE	.3	.4	.6	.3								1.4	7.3
E	.3	1.1	.9	.3								2.7	6.3
ESE	.3	.5	.3	.3		.2	.1					1.5	10.1
SE	.7	.8	.4	.1	.1		.0					2.0	6.2
SSE	.5	1.3	.8	.1								2.2	5.2
S	2.0	3.0	1.3	.9	.2							7.4	6.2
SSW	1.3	2.4	2.0	.9	.2	.0						6.8	6.8
SW	1.0	3.0	1.7	.9	.3	.1						6.9	7.2
WSW	1.0	1.8	1.1	.1	.0							4.1	5.7
W	1.3	3.9	3.6	1.2	.3							10.2	7.2
WNW	.5	2.3	2.9	2.3	.4	.0						8.5	9.1
NW	.9	3.5	3.2	2.0	.5	.1						10.2	8.3
NNW	.6	2.7	2.4	.9	.1	.0						7.1	7.1
VARBL													
CALM												16.4	
	13.7	30.4	24.8	11.8	2.2	.5	.2					100.0	6.1

TOTAL NUMBER OF OBSERVATIONS

2334

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13707
STATION

DOVER AFB DELAWARE
STATION NAME

43-45, 50-72
YEARS

NOV
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.0	2.2	.9	.0							6.7	6.7
NNE	.7	1.8	1.3	.7		.1						4.5	7.2
NE	.2	1.0	.9	.3	.4		.0					2.6	8.1
ENE	.2	1.0	.4	.2		.1						2.0	7.2
E	.5	.7	.9	.3								2.4	6.6
ESE	.2	.9	.4	.1		.1	.0					1.8	7.4
SE	.3	.8	.8	.7	.1							2.3	7.2
SSE	.6	1.0	.7	.0	.0	.1						2.5	6.3
S	1.7	3.2	1.6	.6	.2							7.4	6.1
SSW	.7	2.3	1.8	.8	.3							5.9	7.8
SW	1.1	2.4	2.1	.6	.3							6.5	7.2
WSW	1.1	2.0	1.3	.6	.1							5.0	6.4
W	1.5	4.1	3.4	1.5	.3							10.7	7.1
WNW	.6	2.1	3.3	2.1	.6	.1						8.8	9.2
NW	.4	2.9	3.2	1.8	.5	.1						8.6	9.1
NNW	1.1	2.3	2.1	1.2	.3	.1						7.0	7.8
VARBL													
CALM												15.2	
	12.7	30.0	26.7	11.9	2.7	.7	.1					100.2	6.3

TOTAL NUMBER OF OBSERVATIONS 2330

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13707
STATION

DOVER AFB DELAWARE
STATION NAME

43-45, 50-72
YEARS

NOV
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.5	2.8	2.4	.1							7.5	9.0
NNE	.2	1.2	1.4	1.0		.0						3.8	8.4
NE	.1	1.2	1.4	.8	.2	.0						3.6	8.3
ENE	.3	.9	1.3	.3	.0							2.8	7.6
E	.3	1.5	1.6	.8								4.0	7.2
ESE	.1	.9	1.3	.5	.0	.0						3.5	7.3
SE	.3	.8	.6	.4	.1		.0					2.3	6.5
SSE	.4	.8	.6	.4			.0					2.1	6.3
S	.6	2.0	2.0	1.6	.3	.1						6.6	8.7
SSW	.4	1.3	2.0	1.9	.5	.1	.0	.0				6.0	10.4
SW	.7	1.7	2.0	1.6	.6	.1	.0					6.8	9.6
WSW	.3	1.2	1.4	1.0	.1		.0					4.0	8.7
W	.7	1.7	4.0	3.6	.7	.2	.1					10.9	10.4
WNW	.3	.8	2.9	4.6	1.2	.2	.0					10.2	12.0
NW	.8	1.0	3.1	4.7	1.6	.6						11.7	11.8
NNW	.4	1.3	2.6	3.0	.9	.3						8.5	11.0
VARBL													
CALM												5.6	
	7.1	19.5	31.1	28.2	6.4	1.7	.3	.0				100.0	9.3

TOTAL NUMBER OF OBSERVATIONS 2328

0
3
C

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13707
STATION

DOVER AFB DELAWARE
STATION NAME

43-45, 50-72
YEARS

NOV
MONTH

ALL WEATHER
CLASS

1200-1400
NO-JRS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.2	2.7	1.9	.1							6.4	9.1
NNE	.2	.8	1.2	.8	.1							3.1	8.6
NE	.3	.9	.5	.4								2.3	7.0
ENE	.3	.7	.7	.3	.0							2.0	7.2
E	.0	2.9	2.4	.9	.2							7.3	7.0
ESE	.4	1.5	1.6	.9	.1	.0						4.9	7.6
SE	.4	.8	1.2	1.2								3.6	8.9
SSE	.2	.3	.4	.2	.0							1.1	7.9
S	.1	.9	1.8	1.8	.2	.1						4.9	10.3
SSW	.3	.6	2.2	2.1	.5	.4						6.1	11.6
SW	.3	1.1	2.6	2.4	.7	.0						7.2	10.5
WSW	.3	.9	2.1	1.1	.1	.7						4.7	9.9
W	.2	1.0	3.0	4.2	1.2	.4						10.9	11.3
WNW	.3	.7	4.4	5.0	1.9	.2						12.7	12.1
NW	.3	1.5	3.3	4.8	1.9	.5	.0					11.9	12.3
NNW	.4	.7	2.0	3.3	.8	.5						7.2	12.3
VARBL													
CALM												3.5	
	5.5	17.0	32.6	31.2	8.0	2.3	.0					100.0	10.0

TOTAL NUMBER OF OBSERVATIONS 2329

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13707
STATION

DOVER AFB DELAWARE
STATION NAME

43-45, 50-72
YEARS

NDV
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	2.3	2.5	1.1	.1	.0						6.6	7.7
NNE	.5	.4	.7	.5	.1	.1						2.3	8.6
NE	.3	.6	1.0	.4								2.3	7.8
ENE	.4	.5	.3	.2	.1	.0						1.6	7.3
E	1.2	2.2	1.6	.6	.0	.0	.0					5.7	6.6
ESE	1.0	3.0	2.4	.6	.2	.0						7.2	6.9
SE	.9	2.2	2.1	.6								5.8	6.6
SSE	.2	.4	.6	.6								1.7	8.6
S	.5	1.2	2.7	.9	.3	.1						5.7	8.6
SSW	.6	1.4	2.4	1.0	.3	.0	.0					5.9	8.6
SW	.3	1.7	2.1	1.1	.1	.1						5.4	8.4
WSW	.3	1.5	1.1	.4	.1							3.4	7.3
W	.5	2.9	3.5	2.6	.6	.2						10.4	9.3
WNW	.6	1.6	3.2	4.5	1.0	.4						11.2	11.2
NW	.8	1.7	4.9	3.9	1.2	.2						12.3	10.4
NNW	.4	1.3	2.6	2.2	.5	.1	.0					7.2	10.0
VARBL													
CALM												5.5	
	9.0	25.0	33.6	20.7	4.6	1.5	.1					100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 2331

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13707
STATION

DDVEP AFB DELAWARE
STATION NAME

43-45, 50-72
YEARS

NGV
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 5	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.9	1.4	.9	.0	.1						5.3	7.1
NNE	.4	.0	.9	.4	.0	.1	.0					2.5	8.6
NE	.1	.6	.5	.3								1.6	8.4
ENE	.3	.0	.6	.1								1.5	6.6
E	.6	1.1	1.7	.3	.0	.1	.0					3.9	7.5
ESE	.3	1.0	1.0	.3								2.6	7.1
SE	.9	2.4	1.5	.2	.2							5.2	6.3
SSE	.9	2.4	1.3	.2								4.9	5.7
S	2.2	3.7	2.5	.8	.3							9.5	6.3
SSW	1.0	2.1	1.7	.6	.1	.2						5.7	7.0
SW	1.4	2.5	.7	.9	.1	.1						5.4	6.2
WSW	1.0	1.2	.3	.2	.1	.0						2.9	5.5
W	1.3	3.2	2.2	1.5	.3	.2	.4					8.6	7.8
WNW	.4	2.1	2.8	2.8	.3	.1						8.4	9.4
NW	1.0	2.4	3.1	2.1	.8	.1						9.6	9.1
NNW	1.1	2.5	2.2	1.2	.3	.3						7.7	8.2
VARBL													
CALM												14.7	
	14.1	30.3	24.5	12.6	2.5	1.2	.1					100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 2323

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13707
STATION

DOVER AFB DELAWARE
STATION NAME

43-45, 50-72
YEARS

NDV
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	1.5	1.0	.8	.1	.1						5.1	7.5
NNE	.5	.8	1.2	.5		.1						3.1	7.7
NE	.3	.7	.8	.1	.1							2.0	7.0
ENE	.5	.9	.8	.1								2.3	6.1
E	.6	1.1	.6	.1	.2	.2						2.7	7.0
ESE	.5	.7	.6	.5								2.3	6.9
SE	.7	.9	.5	.5	.1	.0						2.8	6.8
SSE	1.1	1.2	.7	.1	.2							3.4	5.9
S	2.7	4.3	2.8	1.0	.2	.1						11.3	6.3
SSW	1.2	1.8	1.3	1.4	.1	.0						5.8	7.4
SW	1.2	2.7	1.2	.6	.2							5.9	6.5
WSW	1.0	1.6	1.3	.2	.0							4.2	6.0
W	1.4	2.9	2.9	1.7	.1	.2						9.2	7.8
WNW	.6	1.7	3.0	2.3	.3	.2						8.0	9.4
NW	1.0	2.4	3.4	2.3	.6	.2						9.9	9.1
NNW	.9	2.0	1.5	1.1	.4	.1						6.1	8.1
VARBL													
CALM												16.1	
	15.2	27.4	24.2	13.2	2.7	1.3						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 2336

0
3
1

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13707
STATION

DOVER AFB DELAWARE
STATION NAME

42-45, 50-72
YEARS

DEC
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	2.2	2.4	1.1	.2	.1						7.3	7.6
NNE	.6	1.3	1.1	.3	.0							3.7	6.9
NE	.6	1.0	1.2	.3	.2							3.2	7.3
ENE	.3	.5	.6	.3	.1							1.8	7.7
E	.2	.8	.7	.2	.0	.0						2.3	7.0
ESE	.2	.4	.4		.0							1.0	6.8
SE	.3	.4	.2	.1								1.0	6.7
SSE	.4	.8	.3	.1								1.7	5.4
S	1.5	2.8	1.0	.5	.1	.0						6.6	6.0
SSW	.9	2.0	1.4	.8	.2	.1						5.3	7.5
SW	1.4	2.6	1.7	1.1	.2	.1	.0					7.2	7.5
WSW	.9	2.8	2.1	.6	.3	.0						6.8	7.2
W	1.5	3.3	4.2	3.0	.8	.2						13.0	8.7
WNW	.4	2.1	3.2	2.0	.6	.1						8.5	9.7
NW	.8	2.2	2.7	2.2	.9	.1						8.9	9.5
NNW	.6	1.6	2.1	1.7	.1							6.1	8.2
VARBL													
CALM												15.6	
	12.2	27.1	26.0	14.7	3.6	.8	.0					100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 2496

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13707

DOVER AFB DELAWARE

42-45, 50-72

DEC

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

0300-0500

CLASS

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	2.4	2.5	1.0	.1	.0						6.9	7.3
NNE	.6	1.3	1.0	.8	.2		.0					4.1	8.1
NE	.4	1.0	1.4	.3	.2	.0						3.3	8.1
ENE	.5	.9	.6	.0		.0						2.1	5.9
E	.4	.6	.0	.2	.1	.0						1.9	7.7
ESE	.1	.5	.2	.2								1.0	7.3
SE	.5	.5	.2	.1								1.2	5.3
SSE	.7	.5	.3	.3	.1							1.8	6.2
S	1.6	3.0	.8	.4	.1							5.9	5.5
SSW	1.0	2.0	1.4	1.2	.3							5.8	7.6
SW	1.2	2.2	2.1	.6	.2	.1						6.5	7.3
WSW	1.5	2.4	1.4	1.1	.4							6.6	7.2
W	1.5	3.5	4.1	2.2	.7	.2	.0					12.3	8.5
WNW	.8	2.4	3.2	1.6	.6	.2						8.7	8.8
NW	1.2	3.0	2.8	2.2	.8	.1	.0					10.2	8.9
NNW	.4	1.7	2.0	1.8	.2	.2						6.3	9.1
VARBL													
CALM												15.1	
	13.1	27.9	24.8	13.9	4.1	1.0	.1					100.0	6.7

TOTAL NUMBER OF OBSERVATIONS

2489

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13707
STATION

DOVER AFB DELAWARE
STATION NAME

42-45, 50-72
YEARS

DEC
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	2.4	2.1	1.0	.1	.1						6.6	7.5
NNE	.6	1.3	1.1	.6	.3							3.8	7.1
NE	.3	1.4	1.0	.4	.1	.1						3.3	7.7
ENE	.4	.8	.8	.2								2.3	6.4
E	.5	.6	.8	.1	.1							2.0	6.9
ESE	.3	.6	.3	.0		.0						1.3	6.6
SE	.5	.4	.3	.1	.0							1.6	6.2
SSE	.8	.7	.4	.1	.0	.1						2.1	6.1
S	1.6	2.0	1.6	.3	.1							3.7	5.7
SSW	.7	1.6	1.7	.7	.1							4.1	7.2
SW	1.2	2.7	2.3	.8	.2	.2						7.5	7.4
WSW	1.0	1.9	1.9	.9	.3	.1						6.0	7.7
W	1.1	4.2	4.2	2.2	.7	.1						12.6	8.3
WNW	.9	1.8	2.5	1.9	.6	.2	.0					7.9	9.4
NW	1.2	3.7	4.0	2.6	.3	.1						11.6	8.6
NNW	1.0	1.4	2.0	1.6	.2	.1						6.4	8.6
V.RBL													
CALM												14.9	
	12.5	27.5	27.1	13.6	3.3	1.1	.0					100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 2496

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13707
STATION

DOVER AFB DELAWARE
STATION NAME

42-45, 50-72
YEARS

DEC
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	1.1	2.3	2.1	.4	.0						7.4	9.1
NNE	.6	1.4	1.5	1.1	.4	.1						5.1	9.0
NE	.8	.9	1.5	.4	.1							3.1	8.1
ENE	.3	1.0	1.0	.5								2.8	7.1
E	.6	1.1	1.0	.7		.0						3.2	7.1
ESE	.5	.6	.6	.1	.0	.1						1.9	7.1
SE	.4	.4	.5	.2	.1	.0						1.7	7.5
SSE	.4	.6	.5	.2								1.8	6.8
S	.6	2.0	2.4	1.1	.1							6.3	7.6
SSW	.4	1.5	1.6	1.4	.2	.1						5.2	9.0
SW	.5	1.4	2.0	1.6	.4	.2	.0					6.2	9.9
WSW	.1	1.6	2.6	1.7	.2	.1	.1					6.8	9.4
W	.8	2.4	3.0	3.7	1.2	.3						11.3	10.5
WNW	.2	1.9	2.7	4.4	1.7	.4	.1					11.4	12.1
NW	.4	1.8	3.8	4.7	1.2	.3						12.2	11.1
NNW	.6	1.3	2.2	2.9	.6	.2						7.8	10.4
VARBL												6.0	
CALM													
	7.6	21.6	29.0	26.7	6.8	2.0	.2					100.0	9.1

TOTAL NUMBER OF OBSERVATIONS 2502

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13707
STATION

DOVER AFB DELAWARE
STATION NAME

42-45, 50-72
YEARS

DEC
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	1.8	3.2	1.8	.5	.1						8.0	9.2
NNE	.5	.8	1.1	1.1	.1	.1	.0					3.7	9.2
NE	.3	1.0	1.2	.4	.1							3.0	7.7
ENE	.4	1.0	.4	.4	.1							2.4	7.4
E	.8	1.8	1.1	.3	.0	.1						4.2	6.6
ESE	.4	1.0	.7	.3	.0							2.3	7.0
SE	.1	.6	.9	.1	.2							1.6	8.5
SSE	.2	.3	.7	.3								1.5	7.8
S	.3	1.2	2.0	1.1	.0	.1						4.9	8.7
SSW	.6	1.0	1.6	1.6	.4	.0						5.2	9.3
SW	.7	1.1	2.6	2.0	.6	.2	.0					7.2	10.4
WSW	.4	1.2	2.2	2.0	.2	.2						6.4	10.5
W	.7	2.1	3.7	4.4	1.4	.2	.1	.0				12.6	11.1
WNW	.5	1.2	3.2	5.4	2.0	.6						12.9	12.5
NW	.5	1.2	3.8	5.7	1.8	.7	.1					13.8	12.2
NNW	.1	1.1	2.4	2.6	.6	.0						6.8	10.9
VARBL													
CALM												3.3	
	7.0	18.6	30.2	29.5	8.4	2.5	.3	.0				100.0	10.0

TOTAL NUMBER OF OBSERVATIONS 2501

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13707
STATION

DOVER AFB DELAWARE
STATION NAME

42-45, 50-72
YEARS

DEC
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	2.1	2.7	1.5	.2	.1	.0					7.7	8.2
NNE	.6	.9	.4	.6	.1	.0						2.6	7.9
NE	.5	.9	.6	.5	.1							2.6	7.5
ENE	.4	.8	.6	.4	.0							2.2	7.4
E	1.5	1.4	.9	.3	.1	.0	.1					4.4	6.5
ESE	.6	1.4	1.5	.4	.0							4.2	6.8
SE	.5	.8	.7	.2	.1	.0						2.4	7.3
SSE	.4	.6	.4	.1								1.6	5.7
S	.5	1.9	1.7	.7	.2	.0						5.0	7.6
SSW	.6	1.6	1.4	.9	.2	.1						4.7	7.9
SW	.6	2.0	1.8	1.0	.5	.1	.0					6.1	8.9
WSW	.6	2.0	1.8	1.2	.3	.1						6.1	8.3
W	.9	3.1	4.7	3.3	.8	.4	.2					13.3	9.7
WNW	.6	2.2	4.1	4.2	1.4	.4						12.7	10.9
NW	.6	2.0	3.5	4.8	1.1	.2						12.1	10.7
NNW	.8	1.2	1.9	1.4	.2	.1						5.6	9.1
VARBL													
CALM												6.9	
	10.7	24.9	28.7	21.7	5.2	1.5	.4					100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 2503

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13707
STATION

DOVER AFB DELAWARE
STATION NAME

42-45, 50-72
YEARS

DEC
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	2.1	2.1	.9	.2	.1	.0					6.4	7.6
NNE	.4	.7	.6	1.1	.0	.0						2.9	9.0
NE	.4	1.1	.5	.4	.0							2.8	6.4
ENE	.2	.0	.7	.6	.0							2.1	8.6
E	1.0	.9	.6	.6	.1	.1	.0					3.3	7.2
ESE	.6	.8	.0	.2	.1							2.3	6.6
SE	.6	1.4	.3	.5	.2							2.9	7.0
SSE	.8	1.0	.4	.1	.1	.0						2.4	6.0
S	2.0	2.6	1.1	.6	.1							6.4	5.7
SSW	1.1	2.7	1.4	.6	.2	.0						6.7	6.9
SW	1.0	2.6	1.6	.7	.3							6.4	6.8
WSW	.7	1.0	1.0	.6	.2	.1	.0					4.4	8.0
W	1.8	3.1	3.4	1.8	.6	.2						10.8	8.2
WNW	.7	2.4	3.1	2.5	.5	.3	.0					9.5	9.5
NW	1.1	2.9	3.4	1.9	.8	.1						10.3	8.8
NNW	.6	2.1	2.0	1.3	.0	.0						6.1	7.8
VARBL													
CALM												14.6	
	14.4	28.7	22.8	14.6	3.6	1.0	.2					100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 2486

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13707
STATION

DOVER AFB DELAWARE
STATION NAME

42-45, 50-72
YEARS

DEC
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	2.0	2.0	1.0	.4	.1						7.4	8.1
NNE	.3	1.1	1.0	.8	.1							3.3	8.3
NE	.5	.8	.8	.4	.2							2.7	7.7
ENE	.4	.8	1.0	.6	.1							2.9	7.9
E	.4	.7	.6	.3	.0							2.1	7.1
ESE	.5	.5	.4	.1								1.6	5.9
SE	.5	.8	.2	.3		.0						1.9	6.9
SSE	.6	.8	.3	.0								2.1	4.9
S	2.4	3.1	2.1	.8	.1		.1					8.6	6.2
SSW	1.2	2.5	1.2	1.0	.2	.2	.0					6.2	7.5
SW	1.2	2.5	2.2	.0	.4	.1						7.2	7.4
WSW	1.1	1.9	1.0	.9	.3	.1						4.9	7.2
W	1.2	3.8	4.1	2.4	.5	.2						12.1	8.4
WNW	.6	1.5	3.4	2.0	.4	.2						8.0	9.4
NW	1.2	2.5	2.9	1.9	.6	.2						9.3	8.8
NNW	.6	1.0	2.2	1.2	.2	.1						5.8	8.8
VARBL													
CALM												13.8	
	14.4	26.4	25.9	14.6	3.6	1.2	.1					100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 2486

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13707
STATION

DOVER AFB DELAWARE
STATION NAME

42-46, 50-72
YEARS

ALL
MONTH

INSTRUMENT

CLASS

CIG 200 TO 1400 FT W/ VSBY 1/2 MI OR MORE,

CONDITION

AND/OR VSBY 1/2 TO 2-1/2 MI W/CIG 200 FT OR MORE

ALL
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	2.0	3.3	2.1	.9	.2	.0					9.7	8.6
NNE	.6	1.8	2.8	2.1	.9	.2	.0					7.7	9.6
NE	.6	1.4	3.0	2.2	.6	.1	.0					8.4	9.6
ENE	.4	1.1	2.1	1.8	.4	.3	.1	.0				6.1	10.4
E	.8	2.2	3.1	2.2	.6	.3	.0	.0	.0			9.1	9.9
ESE	.6	1.3	1.9	1.1	.3	.1	.0	.0				5.6	8.8
SE	.8	1.3	1.8	1.0	.3	.1	.0	.0				5.4	8.3
SSE	.7	1.0	.9	.4	.1	.1	.0					3.1	7.1
S	1.2	2.0	1.9	.7	.2	.1	.0					5.8	7.2
SSW	.6	1.2	1.2	.6	.1	.1	.0	.0				3.8	8.0
SW	.8	1.4	1.0	.8	.3	.1	.0				.0	5.0	8.1
WSW	.3	.9	.9	.3	.1	.0	.0					3.0	7.6
W	.8	1.3	1.3	.6	.2	.1	.0					4.9	7.4
WNW	.4	.9	.9	.7	.2	.1	.0					3.1	8.9
NW	.5	1.3	1.6	1.0	.4	.1	.0	.0				4.9	9.1
NNW	.5	1.2	1.5	.9	.3	.1	.0	.0				4.6	8.8
VARBL													
CALM												10.0	
	11.1	24.0	29.1	18.6	4.9	1.8	.3	.1	.0		.0	100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 30284

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART D CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

1. Annual - all years and all hours combined
2. By month - all years and all hours combined
3. By month - by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. This, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, unless the summary was for a period ending before January 1968.

Continued on Reverse Side

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	$\geq 2\frac{1}{2}$	≥ 2	$\geq 1\frac{1}{2}$	$\geq 1\frac{1}{4}$	≥ 1	$\geq \frac{3}{4}$	$\geq \frac{1}{2}$	$\geq \frac{5}{16}$	$\geq \frac{1}{4}$	≥ 0	
NO CEILING																
≥ 1800																
≥ 1500					91.0											92.6
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500										97.4						98.1
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0					95.4		96.9			98.3						100.0

EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed ≥ 0 .
For instance, from the table: Ceiling ≥ 1500 feet = 92.6%.
Ceiling ≥ 500 feet = 98.1%.

EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite ≥ 0 . From the table:
Visibility ≥ 3 miles = 95.4%.
Visibility ≥ 2 miles = 96.9%.
Visibility ≥ 1 mile = 98.3%.

EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling ≥ 1500 feet with visibility ≥ 3 miles = 91.0%.

ADDITIONAL EXAMPLES

EXAMPLE # 4 Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.
Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5 To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of ≥ 1500 feet with ≥ 3 miles, subtracted from 97.4 read from the table at the intersection of ≥ 500 feet with ≥ 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling ≥ 500 feet with visibility ≥ 1 mile, but < 3 miles; or ceiling ≥ 500 feet, but < 1500 feet with visibility ≥ 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13707
STATION

DOVER AFB DELAWARE
STATION NAME

4-46, 50-72
YEARS

ALL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS 11-51

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NEXT CEILING ≥ 20000	23.8	44.4	47.3	49.4	51.2	51.6	52.2	52.5	52.5	52.7	52.8	52.8	52.9	52.9	53.0	53.2
≥ 18000	26.2	49.5	52.8	55.2	57.2	57.7	58.3	58.7	58.7	59.0	59.1	59.1	59.2	59.2	59.3	59.4
≥ 16000	26.3	49.7	53.0	55.5	57.5	57.9	58.6	58.9	59.0	59.2	59.3	59.4	59.4	59.5	59.5	59.7
≥ 14000	26.4	50.0	53.3	55.8	57.8	58.3	59.0	59.3	59.4	59.6	59.7	59.7	59.8	59.8	59.9	60.1
≥ 12000	26.7	51.0	54.4	56.9	59.0	59.5	60.2	60.5	60.6	60.8	60.9	60.9	61.0	61.1	61.1	61.3
≥ 10000	27.4	52.7	56.3	59.0	61.2	61.7	62.4	62.8	62.9	63.1	63.2	63.2	63.3	63.3	63.4	63.6
≥ 8000	28.5	55.4	59.3	62.2	64.6	65.1	65.9	66.3	66.4	66.6	66.7	66.7	66.8	66.9	66.9	67.1
≥ 7000	28.9	56.5	60.5	63.4	65.9	66.4	67.2	67.6	67.7	68.0	68.1	68.1	68.2	68.2	68.3	68.5
≥ 6000	29.6	58.5	62.7	65.8	68.3	69.0	69.8	70.3	70.3	70.6	70.7	70.7	70.9	70.9	71.0	71.1
≥ 5000	30.2	60.2	64.6	67.9	70.7	71.3	72.1	72.6	72.7	73.0	73.1	73.1	73.2	73.2	73.3	73.5
≥ 4500	30.6	61.3	65.8	69.3	72.1	72.7	73.6	74.1	74.2	74.5	74.6	74.6	74.7	74.8	74.8	75.0
≥ 4000	31.2	63.1	67.8	71.5	74.5	75.1	76.1	76.6	76.7	77.0	77.1	77.1	77.2	77.3	77.4	77.5
≥ 3500	31.5	63.8	68.7	72.4	75.5	76.1	77.1	77.6	77.7	78.0	78.1	78.2	78.3	78.3	78.4	78.6
≥ 3000	32.0	65.3	70.4	74.3	77.5	78.2	79.2	79.7	79.8	80.2	80.3	80.3	80.5	80.5	80.6	80.8
≥ 2500	32.4	66.4	71.6	75.6	78.9	79.6	80.7	81.2	81.4	81.7	81.8	81.8	82.0	82.0	82.1	82.3
≥ 2000	32.3	67.7	73.1	77.3	80.8	81.5	82.6	83.2	83.3	83.7	83.8	83.8	84.0	84.0	84.1	84.3
≥ 1800	33.1	68.6	74.2	78.5	82.1	82.7	84.1	84.7	84.8	85.1	85.3	85.3	85.5	85.5	85.6	85.8
≥ 1600	33.4	69.5	75.3	79.7	83.6	84.4	85.7	86.3	86.4	86.8	87.0	87.0	87.2	87.2	87.3	87.5
≥ 1400	33.4	69.7	75.5	80.0	83.9	84.7	86.0	86.7	86.8	87.2	87.4	87.4	87.6	87.6	87.7	87.9
≥ 1200	33.5	70.2	76.2	80.8	84.9	85.7	87.1	87.8	88.0	88.4	88.6	88.6	88.8	88.8	88.9	89.1
≥ 1000	33.6	70.8	76.9	81.7	85.9	86.8	88.3	89.1	89.3	89.7	89.9	89.9	90.1	90.1	90.2	90.4
≥ 900	33.7	71.3	77.5	82.5	86.9	87.9	89.5	90.3	90.5	91.1	91.3	91.3	91.5	91.5	91.6	91.8
≥ 800	33.7	71.5	77.8	82.8	87.3	88.4	90.0	90.9	91.1	91.7	91.9	92.0	92.1	92.2	92.3	92.5
≥ 700	33.7	71.7	78.0	83.2	87.9	89.0	90.8	91.7	91.9	92.5	92.8	92.9	93.0	93.1	93.2	93.4
≥ 600	33.7	71.6	78.3	83.6	88.4	89.5	91.4	92.4	92.7	93.3	93.6	93.7	93.9	93.9	94.0	94.2
≥ 500	33.7	72.0	78.6	83.9	88.9	90.1	92.1	93.2	93.5	94.2	94.5	94.6	94.9	94.9	95.0	95.2
≥ 400	33.7	72.1	78.7	84.2	89.4	90.6	92.8	94.1	94.4	95.2	95.6	95.7	96.0	96.0	96.2	96.4
≥ 300	33.7	72.1	78.8	84.4	89.6	91.0	93.3	94.7	95.0	96.0	96.4	96.5	96.8	96.9	97.0	97.2
≥ 200	33.7	72.2	78.9	84.5	89.8	91.2	93.6	95.1	95.5	96.6	97.1	97.2	97.6	97.7	97.8	98.1
≥ 100	33.7	72.2	78.9	84.5	89.9	91.3	93.7	95.3	95.7	96.9	97.5	97.7	98.2	98.3	98.5	98.8
≥ 0	33.7	72.2	78.9	84.5	89.9	91.3	93.8	95.3	95.8	97.0	97.7	97.9	98.5	98.6	99.0	99.4

TOTAL NUMBER OF OBSERVATIONS 227557

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13707
STATION

DUVET AFB DELAWARE
STATION NAME

43-46,51-72
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (U.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	23.9	42.6	44.4	45.8	47.4	47.8	48.2	48.4	48.5	48.6	48.6	48.6	48.7	48.7	48.8	48.9
≥ 20000	26.3	47.4	49.4	51.1	52.9	53.3	53.8	54.0	54.1	54.2	54.3	54.3	54.3	54.4	54.4	54.5
≥ 18000	26.4	47.7	49.7	51.4	53.2	53.6	54.1	54.3	54.4	54.5	54.6	54.6	54.7	54.7	54.8	54.9
≥ 16000	26.8	48.2	50.3	52.0	53.8	54.2	54.7	54.9	55.0	55.1	55.2	55.2	55.2	55.3	55.3	55.4
≥ 14000	27.1	49.5	51.7	53.4	55.2	55.6	56.2	56.4	56.4	56.5	56.6	56.6	56.7	56.7	56.8	56.9
≥ 12000	27.8	51.3	53.6	55.5	57.5	57.9	58.5	58.7	58.7	58.9	58.9	58.9	59.0	59.0	59.1	59.2
≥ 10000	28.8	53.8	56.3	58.3	60.4	60.9	61.5	61.7	61.8	62.0	62.0	62.1	62.2	62.2	62.3	62.4
≥ 9000	29.0	54.7	57.3	59.5	61.6	62.1	62.7	62.9	63.0	63.2	63.3	63.3	63.4	63.4	63.5	63.6
≥ 8000	29.6	56.4	59.3	61.7	64.2	64.7	65.4	65.6	65.7	65.9	66.0	66.0	66.1	66.1	66.2	66.4
≥ 7000	30.1	58.1	61.3	64.0	66.6	67.2	67.9	68.1	68.2	68.5	68.5	68.6	68.7	68.7	68.8	69.0
≥ 6000	30.5	59.5	62.9	65.7	68.5	69.1	69.8	70.1	70.2	70.4	70.5	70.6	70.7	70.7	70.8	71.0
≥ 5000	31.1	61.5	65.2	68.2	71.3	71.9	72.8	73.1	73.2	73.5	73.6	73.6	73.7	73.7	73.8	74.0
≥ 4500	31.9	62.5	66.3	69.4	72.7	73.3	74.2	74.5	74.6	74.9	75.0	75.1	75.2	75.2	75.3	75.5
≥ 4000	32.0	63.9	68.0	71.3	74.7	75.4	76.4	76.8	76.9	77.2	77.4	77.4	77.5	77.5	77.7	77.8
≥ 3500	32.3	65.0	69.3	72.7	76.3	77.0	78.0	78.4	78.5	78.8	79.0	79.0	79.1	79.2	79.3	79.4
≥ 3000	32.7	66.2	70.7	74.3	78.1	78.8	79.9	80.4	80.5	80.8	80.9	81.0	81.1	81.1	81.2	81.4
≥ 2500	32.9	67.1	71.8	75.5	79.4	80.2	81.4	81.9	82.0	82.4	82.6	82.6	82.7	82.8	82.9	83.1
≥ 2000	33.0	67.9	72.7	76.7	80.8	81.7	83.0	83.6	83.7	84.2	84.4	84.5	84.6	84.6	84.7	84.9
≥ 1800	33.0	68.0	72.9	76.9	81.0	81.9	83.3	83.9	84.1	84.5	84.7	84.8	84.9	84.9	85.0	85.2
≥ 1500	33.1	68.5	73.4	77.6	81.9	82.9	84.4	85.0	85.2	85.7	85.9	86.0	86.1	86.1	86.2	86.4
≥ 1200	33.2	69.1	74.1	78.4	83.0	84.0	85.6	86.4	86.6	87.2	87.4	87.5	87.6	87.7	87.8	88.0
≥ 1000	33.2	69.3	74.5	78.9	83.6	84.7	86.5	87.4	87.6	88.3	88.7	88.8	89.0	89.0	89.1	89.3
≥ 900	33.3	69.5	74.7	79.2	84.1	85.2	87.1	88.0	88.3	89.1	89.5	89.6	89.8	89.9	90.0	90.2
≥ 800	33.3	69.6	75.0	79.6	84.6	85.8	87.8	88.8	89.1	90.0	90.5	90.6	90.8	90.9	91.0	91.2
≥ 700	33.3	69.8	75.2	79.9	85.1	86.3	88.4	89.5	89.9	90.9	91.4	91.5	91.8	91.9	92.0	92.2
≥ 600	33.3	69.9	75.3	80.2	85.5	86.8	88.9	90.2	90.6	91.7	92.3	92.4	92.9	92.9	93.1	93.3
≥ 500	33.3	69.9	75.4	80.3	85.8	87.2	89.5	90.9	91.4	92.8	93.4	93.7	94.3	94.4	94.5	94.7
≥ 400	33.3	69.9	75.5	80.5	86.0	87.5	90.0	91.5	92.1	93.6	94.4	94.6	95.3	95.4	95.6	95.8
≥ 300	33.3	69.9	75.5	80.5	86.1	87.6	90.2	91.8	92.4	94.1	94.9	95.2	96.0	96.1	96.4	96.7
≥ 200	33.3	69.9	75.5	80.5	86.1	87.6	90.3	92.0	92.6	94.5	95.3	95.9	96.8	97.1	97.4	97.9
≥ 100	33.3	69.9	75.5	80.5	86.1	87.6	90.3	92.0	92.7	94.6	95.7	96.1	97.3	97.7	98.3	99.1
≥ 0	33.3	69.9	75.5	80.5	86.1	87.6	90.3	92.0	92.7	94.6	95.7	96.1	97.4	97.7	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 19205

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13707
STATION

DOVER AFB DELAWARE
STATION NAME

43-46,51-72
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	24.1	42.4	45.1	46.9	48.5	48.7	49.1	49.4	49.5	49.6	49.6	49.7	49.7	49.7	49.8	49.9
≥ 20000	26.1	46.8	49.8	51.9	53.7	54.0	54.4	54.8	54.9	55.0	55.1	55.1	55.1	55.2	55.2	55.4
≥ 18000	26.2	47.1	50.1	52.2	54.0	54.3	54.7	55.1	55.1	55.3	55.4	55.4	55.4	55.5	55.5	55.7
≥ 16000	26.3	47.4	50.5	52.6	54.4	54.7	55.1	55.5	55.6	55.7	55.8	55.8	55.8	55.9	55.9	56.1
≥ 14000	26.8	48.5	51.6	53.8	55.7	55.9	56.4	56.7	56.8	57.0	57.0	57.1	57.1	57.1	57.2	57.4
≥ 12000	27.3	50.0	53.3	55.7	57.8	58.1	58.6	59.0	59.1	59.2	59.2	59.3	59.3	59.4	59.4	59.6
≥ 10000	28.2	52.3	55.9	58.4	60.7	61.0	61.6	62.0	62.1	62.3	62.3	62.3	62.4	62.4	62.5	62.7
≥ 9000	28.5	53.2	56.9	59.6	61.9	62.2	62.8	63.2	63.3	63.5	63.6	63.6	63.7	63.7	63.8	64.0
≥ 8000	29.3	55.3	59.2	61.9	64.4	64.7	65.3	65.8	65.9	66.1	66.1	66.2	66.2	66.3	66.3	66.5
≥ 7000	29.9	57.4	61.7	64.7	67.3	67.7	68.4	68.9	69.0	69.2	69.3	69.3	69.4	69.4	69.5	69.7
≥ 6000	30.4	58.5	63.2	66.3	69.2	69.6	70.3	70.8	70.9	71.1	71.2	71.2	71.3	71.4	71.4	71.6
≥ 5000	31.0	60.9	65.5	68.9	71.9	72.4	73.1	73.7	73.8	74.0	74.1	74.1	74.2	74.3	74.3	74.5
≥ 4500	31.2	61.6	66.5	69.9	73.0	73.5	74.3	74.9	75.0	75.2	75.3	75.3	75.4	75.5	75.5	75.7
≥ 4000	31.9	63.3	68.5	72.1	75.4	75.9	76.8	77.4	77.5	77.8	77.9	78.0	78.1	78.1	78.2	78.4
≥ 3500	32.3	64.3	69.6	73.2	76.7	77.2	78.1	78.8	78.9	79.2	79.3	79.3	79.4	79.5	79.5	79.8
≥ 3000	32.7	65.6	71.1	74.9	78.6	79.1	80.1	80.8	80.9	81.2	81.4	81.4	81.5	81.5	81.6	81.8
≥ 2500	32.9	66.2	71.8	75.8	79.7	80.3	81.3	82.0	82.2	82.6	82.7	82.7	82.8	82.9	82.9	83.2
≥ 2000	32.9	66.9	72.6	76.8	80.9	81.5	82.6	83.4	83.6	84.0	84.2	84.2	84.3	84.4	84.5	84.7
≥ 1800	33.0	67.0	72.8	77.1	81.2	81.5	82.9	83.8	84.0	84.4	84.6	84.7	84.8	84.8	84.9	85.1
≥ 1500	33.1	67.4	73.3	77.8	82.1	82.9	84.1	84.9	85.2	85.7	85.9	86.0	86.1	86.1	86.2	86.4
≥ 1200	33.1	67.7	73.7	78.4	83.0	83.7	85.0	86.0	86.3	86.8	87.0	87.1	87.2	87.2	87.3	87.5
≥ 1000	33.1	68.0	74.1	79.0	83.8	84.7	86.1	87.1	87.5	88.1	88.3	88.4	88.5	88.6	88.7	88.9
≥ 900	33.1	68.1	74.3	79.2	84.1	85.0	86.5	87.6	88.0	88.6	88.9	89.0	89.1	89.2	89.3	89.5
≥ 800	33.2	68.2	74.4	79.5	84.4	85.5	87.0	88.2	88.6	89.3	89.7	89.8	90.0	90.0	90.1	90.3
≥ 700	33.2	68.3	74.6	79.8	84.8	85.9	87.5	88.8	89.3	90.1	90.4	90.6	90.8	90.8	90.9	91.1
≥ 600	33.2	68.4	74.8	80.1	85.3	86.5	88.3	89.7	90.2	91.1	91.5	91.7	91.9	92.0	92.1	92.3
≥ 500	33.2	68.5	75.0	80.5	86.0	87.4	89.6	91.4	92.0	93.3	94.0	94.2	94.7	94.9	95.0	95.2
≥ 400	33.2	68.5	75.0	80.5	86.0	87.4	89.6	91.4	92.0	93.3	94.0	94.2	94.7	94.9	95.0	95.2
≥ 300	33.2	68.6	75.0	80.6	86.1	87.6	90.0	92.0	92.8	94.3	95.1	95.4	96.0	96.2	96.3	96.6
≥ 200	33.2	68.6	75.0	80.6	86.2	87.7	90.1	92.3	93.1	94.8	95.9	96.2	97.0	97.2	97.5	97.8
≥ 100	33.2	68.6	75.0	80.6	86.2	87.7	90.1	92.3	93.2	94.9	96.1	96.6	97.5	97.9	98.4	99.0
≥ 0	33.2	68.6	75.0	80.6	86.2	87.7	90.1	92.3	93.2	94.9	96.2	96.6	97.6	98.5	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS

17500

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13707
STATION

DOVER AFB DELAWARE
STATION NAME

43-46,51-72
YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5-16	≥¼	≥0
NO CEILING	26.7	44.9	46.6	48.2	49.2	49.4	49.6	49.6	49.7	49.8	49.8	49.8	49.8	49.9	49.9	49.9
≥ 20000	29.4	49.7	51.7	53.5	54.5	54.7	54.9	55.0	55.1	55.1	55.2	55.2	55.2	55.2	55.3	55.3
≥ 18000	29.5	50.0	52.0	53.8	54.8	55.0	55.2	55.3	55.4	55.4	55.5	55.5	55.5	55.6	55.6	55.6
≥ 16000	29.7	50.3	52.3	54.1	55.2	55.3	55.6	55.7	55.7	55.8	55.8	55.9	55.9	55.9	55.9	56.0
≥ 14000	30.1	51.4	53.5	55.3	56.5	56.6	56.8	57.0	57.0	57.1	57.2	57.2	57.2	57.2	57.3	57.3
≥ 12000	30.8	52.8	55.0	57.0	58.2	58.4	58.6	58.8	58.8	58.9	59.0	59.0	59.0	59.1	59.1	59.1
≥ 10000	31.8	54.9	57.3	59.5	60.9	61.1	61.4	61.5	61.6	61.7	61.8	61.8	61.8	61.8	61.9	61.9
≥ 9000	32.1	55.8	58.3	60.5	62.0	62.2	62.5	62.7	62.8	62.9	62.9	62.9	63.0	63.0	63.0	63.1
≥ 8000	33.0	57.9	60.5	62.8	64.4	64.7	65.0	65.2	65.2	65.3	65.4	65.4	65.5	65.5	65.5	65.6
≥ 7000	33.7	59.8	62.6	65.1	66.9	67.2	67.6	67.7	67.8	67.9	68.0	68.0	68.1	68.1	68.1	68.2
≥ 6000	34.2	61.2	64.1	66.7	68.7	69.0	69.4	69.6	69.7	69.8	69.8	69.9	69.9	69.9	70.0	70.0
≥ 5000	34.8	63.2	66.3	69.1	71.2	71.5	71.9	72.2	72.2	72.4	72.4	72.5	72.5	72.5	72.6	72.6
≥ 4500	35.3	64.2	67.5	70.3	72.4	72.7	73.2	73.4	73.5	73.6	73.7	73.7	73.8	73.8	73.8	73.9
≥ 4000	35.9	66.3	69.7	72.7	74.9	75.2	75.7	76.0	76.0	76.2	76.3	76.3	76.3	76.3	76.4	76.4
≥ 3500	36.5	67.7	71.2	74.3	76.6	76.9	77.5	77.7	77.8	78.0	78.0	78.1	78.1	78.1	78.2	78.2
≥ 3000	36.9	69.3	73.1	76.4	78.9	79.3	80.0	80.2	80.3	80.5	80.6	80.6	80.6	80.7	80.7	80.8
≥ 2500	37.1	70.2	74.2	77.7	80.3	80.8	81.5	81.8	81.9	82.1	82.2	82.2	82.3	82.3	82.3	82.4
≥ 2000	37.3	71.2	75.3	79.0	81.7	82.2	83.0	83.4	83.5	83.7	83.8	83.9	83.9	83.9	84.0	84.0
≥ 1800	37.3	71.4	75.6	79.3	82.0	82.6	83.4	83.8	83.9	84.1	84.2	84.2	84.3	84.3	84.3	84.4
≥ 1500	37.4	71.8	76.2	80.0	82.9	83.5	84.4	84.9	85.0	85.2	85.4	85.4	85.5	85.5	85.5	85.6
≥ 1200	37.5	72.3	76.9	80.9	84.0	84.6	85.7	86.2	86.3	86.6	86.7	86.7	86.8	86.8	86.9	87.0
≥ 1000	37.6	72.8	77.6	81.8	85.1	85.8	87.0	87.6	87.8	88.2	88.4	88.5	88.6	88.6	88.6	88.7
≥ 900	37.6	72.9	77.8	82.1	85.4	86.2	87.4	88.1	88.3	88.7	89.0	89.0	89.1	89.1	89.2	89.3
≥ 800	37.6	73.1	78.1	82.5	86.1	86.9	88.3	89.1	89.3	89.9	90.1	90.2	90.3	90.3	90.4	90.5
≥ 700	37.5	73.2	78.3	82.9	86.6	87.5	89.0	90.0	90.3	90.9	91.2	91.3	91.5	91.5	91.5	91.6
≥ 600	37.6	73.4	78.6	83.4	87.3	88.3	90.0	91.2	91.4	92.1	92.6	92.7	92.8	92.9	92.9	93.0
≥ 500	37.7	73.6	78.8	83.8	88.0	89.1	91.1	92.4	92.8	93.6	94.1	94.3	94.5	94.5	94.6	94.7
≥ 400	37.7	73.6	79.0	84.1	88.5	89.7	91.9	93.3	93.8	94.8	95.4	95.6	95.9	95.9	96.0	96.2
≥ 300	37.7	73.7	79.0	84.2	88.6	89.9	92.3	93.9	94.4	95.6	96.5	96.7	97.1	97.1	97.3	97.4
≥ 200	37.7	73.7	79.0	84.2	88.7	90.0	92.5	94.2	94.9	96.2	97.2	97.5	97.9	98.1	98.3	98.5
≥ 100	37.7	73.7	79.0	84.2	88.7	90.0	92.5	94.3	95.0	96.3	97.3	97.7	98.3	98.6	99.0	99.4
≥ 0	37.7	73.7	79.0	84.2	88.7	90.0	92.5	94.3	95.0	96.3	97.3	97.7	98.3	98.6	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS... 19260

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13707 DOVER AFB DELAWARE

43-46,51-72

APR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS TEST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5.16	≥¼	≥0
NO CEILING	28.3	45.7	47.1	48.0	48.7	48.8	49.1	49.2	49.2	49.3	49.4	49.4	49.4	49.4	49.5	49.5
≥ 20000	31.3	51.0	52.8	53.8	54.7	54.8	55.1	55.2	55.2	55.3	55.4	55.4	55.4	55.4	55.5	55.5
≥ 18000	31.4	51.3	53.1	54.1	54.9	55.0	55.3	55.4	55.5	55.6	55.6	55.6	55.6	55.7	55.7	55.8
≥ 16000	31.5	51.6	53.4	54.5	55.4	55.5	55.7	55.9	55.9	56.0	56.1	56.1	56.1	56.1	56.2	56.2
≥ 14000	31.8	52.5	54.4	55.5	56.4	56.5	56.8	57.0	57.0	57.1	57.2	57.2	57.2	57.2	57.2	57.3
≥ 12000	32.6	54.3	56.3	57.6	58.5	58.6	58.9	59.1	59.1	59.2	59.3	59.3	59.3	59.3	59.3	59.4
≥ 10000	34.0	57.5	59.7	61.1	62.1	62.2	62.6	62.7	62.7	62.8	62.9	62.9	63.0	63.0	63.0	63.1
≥ 9000	34.5	58.8	61.1	62.5	63.6	63.7	64.1	64.2	64.3	64.4	64.5	64.5	64.5	64.5	64.6	64.6
≥ 8000	35.5	61.3	63.8	65.5	66.6	66.8	67.2	67.3	67.4	67.5	67.6	67.6	67.7	67.7	67.7	67.8
≥ 7000	36.4	63.7	66.4	68.3	69.5	69.7	70.1	70.3	70.3	70.4	70.5	70.5	70.6	70.6	70.6	70.7
≥ 6000	37.1	65.4	68.2	70.2	71.6	71.8	72.2	72.4	72.4	72.5	72.6	72.6	72.7	72.7	72.7	72.8
≥ 5000	38.3	67.9	70.9	73.1	74.6	74.8	75.3	75.5	75.6	75.7	75.8	75.8	75.9	75.9	75.9	76.0
≥ 4500	38.6	68.8	71.9	74.1	75.7	75.9	76.4	76.6	76.6	76.8	76.9	76.9	77.0	77.0	77.0	77.1
≥ 4000	39.4	70.7	74.0	76.5	78.1	78.4	78.9	79.1	79.2	79.4	79.4	79.5	79.5	79.5	79.6	79.6
≥ 3500	40.0	72.0	75.4	77.9	79.7	80.0	80.5	80.7	80.8	80.9	81.0	81.1	81.1	81.1	81.2	81.2
≥ 3000	40.3	72.9	76.6	79.3	81.2	81.5	82.1	82.3	82.4	82.6	82.7	82.7	82.8	82.8	82.8	82.9
≥ 2500	40.5	73.8	77.7	80.4	82.5	82.8	83.4	83.7	83.8	84.0	84.1	84.1	84.1	84.2	84.2	84.3
≥ 2000	40.9	74.6	78.6	81.5	83.7	84.1	84.8	85.0	85.1	85.3	85.4	85.5	85.5	85.5	85.6	85.6
≥ 1800	41.0	74.9	78.9	81.8	84.1	84.4	85.1	85.4	85.5	85.7	85.8	85.8	85.9	85.9	86.0	86.0
≥ 1500	41.1	75.4	79.6	82.6	85.1	85.5	86.3	86.6	86.7	86.9	87.1	87.1	87.2	87.2	87.2	87.3
≥ 1200	41.2	76.2	80.5	83.7	86.4	86.9	87.8	88.1	88.2	88.5	88.6	88.6	88.7	88.7	88.8	88.8
≥ 1000	41.3	76.8	81.3	84.6	87.6	88.1	89.1	89.5	89.6	90.0	90.1	90.2	90.3	90.3	90.3	90.4
≥ 900	41.3	77.1	81.7	85.1	88.3	88.8	89.9	90.3	90.5	90.9	91.0	91.0	91.1	91.2	91.2	91.3
≥ 800	41.4	77.4	82.0	85.6	89.0	89.6	90.8	91.3	91.4	91.8	92.0	92.0	92.1	92.1	92.2	92.3
≥ 700	41.4	77.6	82.4	86.1	89.7	90.3	91.7	92.2	92.3	92.8	93.0	93.0	93.2	93.2	93.2	93.3
≥ 600	41.4	77.8	82.7	86.6	90.4	91.2	92.7	93.4	93.6	94.2	94.4	94.4	94.5	94.6	94.6	94.7
≥ 500	41.4	77.9	83.0	87.0	91.1	91.9	93.7	94.5	94.7	95.4	95.7	95.7	95.9	95.9	96.0	96.1
≥ 400	41.4	78.0	83.1	87.2	91.5	92.4	94.3	95.3	95.5	96.4	96.7	96.7	96.9	96.9	97.0	97.1
≥ 300	41.4	78.1	83.2	87.4	91.8	92.6	94.8	96.0	96.2	97.1	97.5	97.6	97.9	97.9	98.0	98.1
≥ 200	41.4	78.1	83.3	87.4	91.9	92.8	94.9	96.2	96.6	97.6	98.1	98.2	98.5	98.6	98.7	98.8
≥ 100	41.4	78.1	83.3	87.4	91.9	92.8	94.9	96.2	96.6	97.7	98.2	98.4	98.8	98.9	99.2	99.4
≥ 0	41.4	78.1	83.3	87.4	91.9	92.8	94.9	96.2	96.6	97.7	98.2	98.4	98.8	98.9	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS

15568

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13707
STATION

DOVER AFB DELAWARE
STATION NAME

43-46,51-72
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	27.6	45.1	46.9	48.1	48.9	49.1	49.3	49.4	49.4	49.5	49.6	49.6	49.6	49.7	49.7	49.8
≥ 20000	31.1	51.1	53.1	54.5	55.4	55.6	55.9	56.1	56.1	56.2	56.2	56.2	56.3	56.3	56.4	56.5
< 18000	31.2	51.2	53.3	54.7	55.6	55.8	56.1	56.2	56.3	56.3	56.4	56.4	56.5	56.5	56.6	56.6
IV 16000	31.2	51.4	53.5	54.9	55.8	56.0	56.3	56.4	56.5	56.5	56.6	56.6	56.7	56.7	56.8	56.8
IV 14000	31.8	52.5	54.6	56.1	57.1	57.3	57.6	57.7	57.7	57.8	57.9	57.9	58.0	58.0	58.0	58.1
IV 12000	32.9	54.6	56.9	58.4	59.4	59.7	60.0	60.1	60.2	60.2	60.3	60.3	60.4	60.4	60.5	60.5
IV 10000	34.5	58.0	60.5	62.2	63.4	63.6	63.9	64.1	64.1	64.3	64.3	64.4	64.4	64.4	64.5	64.6
IV 9000	35.3	59.4	62.0	63.8	65.0	65.3	65.6	65.8	65.8	65.9	66.0	66.0	66.1	66.1	66.2	66.2
IV 8000	36.6	62.3	65.1	67.0	68.2	68.5	68.9	69.1	69.1	69.2	69.3	69.3	69.4	69.4	69.4	69.5
IV 7000	37.5	64.5	67.5	69.5	70.9	71.2	71.6	71.8	71.8	71.9	72.0	72.0	72.1	72.1	72.2	72.2
IV 6000	38.0	65.6	68.7	70.9	72.3	72.7	73.1	73.3	73.3	73.5	73.6	73.6	73.7	73.7	73.7	73.8
IV 5000	38.9	67.6	71.1	73.5	75.1	75.4	75.9	76.1	76.1	76.3	76.4	76.4	76.4	76.5	76.5	76.6
IV 4500	39.2	68.3	71.9	74.4	76.0	76.4	76.8	77.1	77.1	77.3	77.3	77.4	77.4	77.5	77.5	77.6
IV 4000	40.0	69.8	73.5	76.2	77.9	78.3	78.8	79.1	79.1	79.3	79.3	79.4	79.4	79.5	79.5	79.6
IV 3500	40.4	70.8	74.7	77.4	79.3	79.7	80.2	80.4	80.5	80.6	80.7	80.7	80.8	80.8	80.9	81.0
IV 3000	41.1	72.4	76.5	79.4	81.4	81.8	82.4	82.7	82.7	82.9	83.0	83.0	83.0	83.1	83.1	83.2
IV 2500	41.6	73.5	77.7	80.7	82.8	83.2	83.9	84.1	84.2	84.4	84.5	84.5	84.5	84.6	84.6	84.7
IV 2000	42.0	74.7	79.1	82.3	84.6	85.0	85.8	86.1	86.1	86.3	86.4	86.4	86.5	86.5	86.6	86.7
IV 1800	42.0	75.0	79.4	82.7	85.0	85.4	86.2	86.5	86.5	86.7	86.9	86.9	86.9	87.0	87.0	87.1
IV 1500	42.1	75.7	80.3	83.7	86.1	86.6	87.4	87.7	87.8	88.0	88.1	88.2	88.2	88.2	88.3	88.4
IV 1200	42.3	76.4	81.3	84.8	87.3	87.9	88.8	89.2	89.2	89.5	89.6	89.6	89.7	89.7	89.8	89.9
IV 1000	42.4	77.1	82.1	85.7	88.5	89.1	90.2	90.6	90.7	91.0	91.1	91.1	91.2	91.3	91.3	91.4
IV 900	42.4	77.5	82.6	86.3	89.1	89.8	90.9	91.4	91.5	91.8	91.9	92.0	92.0	92.1	92.1	92.2
IV 800	42.5	77.8	83.1	86.9	89.9	90.5	91.8	92.3	92.4	92.8	92.9	93.0	93.1	93.1	93.2	93.2
IV 700	42.5	78.2	83.5	87.4	90.5	91.2	92.6	93.2	93.2	93.7	93.8	93.8	94.0	94.0	94.0	94.1
IV 600	42.5	78.3	83.8	87.8	91.1	91.9	93.4	94.1	94.1	94.6	94.8	94.8	94.9	95.0	95.1	95.1
IV 500	42.5	78.5	84.0	88.2	91.7	92.6	94.2	95.1	95.2	95.7	96.0	96.0	96.2	96.2	96.3	96.3
IV 400	42.5	78.6	84.1	88.5	92.1	93.1	95.0	95.9	96.0	96.7	97.0	97.0	97.2	97.2	97.3	97.4
IV 300	42.5	78.6	84.2	88.6	92.4	93.4	95.4	96.5	96.6	97.5	97.7	97.7	98.0	98.1	98.2	98.3
IV 200	42.5	78.6	84.3	88.6	92.5	93.5	95.6	96.7	96.9	97.8	98.2	98.3	98.6	98.7	98.9	99.0
IV 100	42.5	78.6	84.3	88.6	92.5	93.5	95.6	96.8	96.9	97.9	98.3	98.4	98.9	99.1	99.3	99.5
IV 0	42.5	78.6	84.3	88.6	92.5	93.5	95.6	96.8	96.9	97.9	98.3	98.4	98.9	99.1	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 19234

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13707
STATION

DUVER AFB DELAWARE
STATION NAME

43-46,51-72
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS TEST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	24.9	46.6	50.5	53.1	54.9	55.3	55.9	56.2	56.3	56.4	56.5	56.5	56.6	56.6	56.6	56.6
≥ 20000	28.1	53.5	57.9	61.0	63.4	63.9	64.6	64.9	65.0	65.2	65.3	65.3	65.4	65.4	65.4	65.5
≥ 18000	28.2	53.6	58.1	61.2	63.6	64.1	64.8	65.1	65.2	65.4	65.5	65.5	65.6	65.6	65.6	65.7
≥ 16000	28.2	53.8	58.3	61.4	63.8	64.3	65.1	65.4	65.5	65.6	65.7	65.7	65.8	65.8	65.9	65.9
≥ 14000	28.5	54.7	59.3	62.5	64.9	65.5	66.2	66.5	66.6	66.8	66.9	66.9	67.0	67.0	67.0	67.1
≥ 12000	29.2	56.1	60.8	64.3	66.8	67.3	68.1	68.4	68.5	68.7	68.8	68.8	68.9	68.9	68.9	69.0
≥ 10000	30.1	58.6	63.5	67.2	69.9	70.5	71.3	71.6	71.7	71.9	72.0	72.0	72.1	72.1	72.2	72.2
≥ 9000	30.5	59.6	64.6	68.3	71.1	71.7	72.5	72.8	72.9	73.1	73.2	73.2	73.3	73.3	73.4	73.4
≥ 8000	31.2	61.5	66.7	70.6	73.5	74.1	74.9	75.3	75.4	75.6	75.7	75.8	75.8	75.8	75.9	75.9
≥ 7000	31.6	62.8	68.3	72.3	75.4	76.0	76.8	77.3	77.4	77.6	77.7	77.7	77.8	77.8	77.8	77.9
≥ 6000	31.8	63.1	69.1	73.2	76.3	76.9	77.8	78.2	78.3	78.6	78.7	78.7	78.8	78.8	78.8	78.9
≥ 5000	32.4	65.2	71.0	75.2	78.4	79.0	79.9	80.4	80.5	80.7	80.8	80.8	80.9	80.9	81.0	81.0
≥ 4500	32.8	65.9	71.8	76.1	79.4	80.0	80.9	81.4	81.5	81.8	81.9	81.9	82.0	82.0	82.0	82.1
≥ 4000	33.3	67.2	73.3	77.8	81.1	81.8	82.8	83.3	83.4	83.7	83.8	83.8	83.9	83.9	83.9	84.0
≥ 3500	33.7	68.2	74.4	79.0	82.4	83.1	84.1	84.6	84.7	85.0	85.1	85.1	85.2	85.2	85.2	85.3
≥ 3000	34.1	69.6	76.0	80.6	84.2	84.9	86.0	86.5	86.6	86.9	87.0	87.0	87.1	87.1	87.1	87.2
≥ 2500	34.4	70.4	77.0	81.8	85.5	86.2	87.3	87.8	87.9	88.2	88.3	88.3	88.4	88.4	88.4	88.5
≥ 2000	34.7	71.3	78.0	83.0	86.8	87.5	88.6	89.3	89.4	89.7	89.8	89.8	89.9	89.9	89.9	90.0
≥ 1800	34.7	71.5	78.3	83.3	87.1	87.9	89.0	89.7	89.8	90.1	90.2	90.2	90.3	90.3	90.3	90.4
≥ 1500	34.9	72.1	79.0	84.1	88.1	88.8	90.0	90.6	90.7	91.0	91.2	91.2	91.3	91.3	91.3	91.4
≥ 1200	35.0	72.8	79.9	85.0	89.1	89.9	91.1	91.8	91.9	92.2	92.3	92.3	92.4	92.4	92.5	92.6
≥ 1000	35.1	73.4	80.6	85.9	90.2	91.0	92.4	93.1	93.2	93.6	93.7	93.8	93.8	93.9	93.9	94.0
≥ 900	35.1	73.7	81.0	86.4	90.8	91.6	93.0	93.8	93.9	94.3	94.4	94.4	94.5	94.5	94.6	94.6
≥ 800	35.1	74.0	81.3	86.9	91.4	92.3	93.7	94.5	94.6	95.0	95.1	95.1	95.3	95.3	95.3	95.4
≥ 700	35.1	74.3	81.7	87.4	91.9	92.9	94.4	95.2	95.3	95.8	95.9	95.9	96.0	96.0	96.1	96.2
≥ 600	35.1	74.5	82.0	87.8	92.4	93.4	95.0	95.9	96.1	96.5	96.7	96.7	96.8	96.9	96.9	97.0
≥ 500	35.2	74.7	82.2	88.1	92.9	94.0	95.8	96.7	96.9	97.4	97.6	97.6	97.8	97.8	97.9	97.9
≥ 400	35.2	74.7	82.3	88.3	93.2	94.3	96.2	97.2	97.4	97.9	98.2	98.2	98.3	98.4	98.4	98.5
≥ 300	35.2	74.8	82.4	88.4	93.4	94.5	96.5	97.6	97.8	98.4	98.7	98.7	98.9	98.9	99.0	99.1
≥ 200	35.2	74.8	82.4	88.5	93.4	94.6	96.6	97.7	97.9	98.6	98.9	99.0	99.3	99.3	99.4	99.5
≥ 100	35.2	74.8	82.4	88.5	93.5	94.6	96.6	97.7	98.0	98.7	99.0	99.1	99.4	99.4	99.6	99.8
≥ 0	35.2	74.8	82.4	88.5	93.5	94.6	96.6	97.7	98.0	98.7	99.0	99.1	99.4	99.4	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 18339

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13707
STATION

DOVER AFB DELAWARE
STATION NAME

43-46, 51-72
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS 1-11

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1
NO CEILING	20.1	42.6	47.2	50.5	52.6	53.3	54.1	54.5	54.6	54.8	54.8	54.8	54.8	54.9	54.9	55.0
≥ 20000	22.4	49.5	55.1	59.0	61.5	62.9	63.2	63.6	63.7	63.9	64.0	64.0	64.0	64.1	64.1	64.2
≥ 18000	22.5	49.8	55.4	59.4	61.9	62.7	63.6	64.0	64.1	64.3	64.4	64.4	64.4	64.4	64.5	64.6
≥ 16000	22.6	50.1	55.8	59.8	62.3	63.1	64.0	64.4	64.5	64.7	64.8	64.8	64.9	64.9	64.9	65.0
≥ 14000	22.9	51.0	56.9	61.1	63.7	64.5	65.4	65.8	65.9	66.1	66.2	66.2	66.2	66.3	66.3	66.4
≥ 12000	23.7	53.1	59.4	63.7	66.5	67.3	68.3	68.8	68.8	69.1	69.2	69.2	69.3	69.3	69.3	69.4
≥ 10000	24.8	56.4	63.2	68.0	71.0	71.8	72.9	73.4	73.4	73.7	73.8	73.8	73.9	73.9	73.9	74.1
≥ 9000	25.2	57.5	64.6	69.4	72.5	73.3	74.4	74.9	75.0	75.2	75.4	75.4	75.4	75.5	75.5	75.6
≥ 8000	25.8	59.4	66.7	71.8	75.0	75.9	77.0	77.5	77.6	77.9	78.0	78.1	78.1	78.1	78.2	78.3
≥ 7000	26.2	60.5	68.1	73.4	76.7	77.6	78.7	79.2	79.3	79.6	79.8	79.8	79.9	79.9	79.9	80.0
≥ 6000	26.3	61.1	68.8	74.2	77.6	78.5	79.6	80.2	80.3	80.6	80.7	80.7	80.8	80.8	80.8	81.0
≥ 5000	26.6	62.2	70.1	75.7	79.3	80.2	81.3	81.9	82.0	82.4	82.5	82.5	82.6	82.6	82.6	82.8
≥ 4500	26.7	62.6	70.6	76.3	79.9	80.8	82.0	82.6	82.7	83.0	83.1	83.1	83.2	83.2	83.3	83.4
≥ 4000	27.0	63.7	71.9	77.8	81.5	82.5	83.7	84.3	84.4	84.7	84.9	84.9	85.0	85.0	85.0	85.2
≥ 3500	27.2	64.4	72.8	78.8	82.6	83.6	84.8	85.4	85.6	85.9	86.1	86.1	86.2	86.2	86.2	86.3
≥ 3000	27.7	65.8	74.5	80.7	84.6	85.6	87.0	87.6	87.7	88.1	88.3	88.3	88.4	88.4	88.4	88.6
≥ 2500	28.0	66.8	75.6	81.9	86.0	87.0	88.4	89.1	89.2	89.6	89.8	89.8	89.9	89.9	90.0	90.1
≥ 2000	28.2	67.5	76.5	83.1	87.4	88.4	89.9	90.6	90.8	91.2	91.4	91.4	91.5	91.5	91.6	91.7
≥ 1800	28.3	67.8	76.9	83.4	87.8	88.8	90.3	91.1	91.2	91.7	91.8	91.9	92.0	92.0	92.0	92.2
≥ 1500	28.3	68.3	77.6	84.3	88.8	89.9	91.5	92.2	92.3	92.9	93.0	93.1	93.2	93.2	93.2	93.4
≥ 1200	28.4	68.8	78.2	85.0	89.7	90.8	92.5	93.3	93.4	94.0	94.2	94.2	94.3	94.3	94.3	94.5
≥ 1000	28.5	69.2	78.7	85.8	90.6	91.7	93.5	94.4	94.6	95.1	95.3	95.4	95.5	95.5	95.5	95.7
≥ 900	28.5	69.4	78.9	86.0	90.9	92.1	93.9	94.9	95.0	95.6	95.8	95.8	95.9	95.9	96.0	96.1
≥ 800	28.5	69.6	79.2	86.4	91.5	92.7	94.5	95.5	95.7	96.2	96.4	96.5	96.6	96.6	96.6	96.8
≥ 700	28.6	69.8	79.5	86.8	91.9	93.1	95.1	96.0	96.2	96.8	97.0	97.0	97.1	97.1	97.2	97.3
≥ 600	28.6	69.9	79.7	87.0	92.3	93.5	95.5	96.5	96.7	97.3	97.5	97.5	97.7	97.7	97.7	97.9
≥ 500	28.6	70.0	79.8	87.2	92.6	93.9	95.9	96.9	97.1	97.8	98.0	98.0	98.2	98.2	98.3	98.4
≥ 400	28.6	70.0	79.8	87.3	92.7	94.0	96.1	97.2	97.4	98.1	98.4	98.4	98.6	98.6	98.7	98.8
≥ 300	28.6	70.0	79.9	87.3	92.8	94.1	96.3	97.5	97.7	98.4	98.8	98.8	99.0	99.0	99.1	99.2
≥ 200	28.6	70.0	79.9	87.3	92.8	94.2	96.4	97.6	97.8	98.6	98.9	99.0	99.2	99.2	99.3	99.5
≥ 100	28.6	70.0	79.9	87.3	92.8	94.2	96.4	97.6	97.8	98.6	99.0	99.1	99.3	99.3	99.5	99.7
≥ 0	28.6	70.0	79.9	87.3	92.8	94.2	96.4	97.6	97.8	98.6	99.0	99.1	99.3	99.4	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS

19175

3

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13707
STATION

DOVER AFB DELAWARE
STATION NAME

43-46,51-72
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS U.S.

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	17.2	42.0	47.8	52.1	55.2	55.9	57.0	57.6	57.7	58.0	58.2	58.2	58.3	58.4	58.5	58.5
≥ 20000	18.8	47.7	53.9	58.6	62.1	62.9	64.2	64.8	64.9	65.3	65.4	65.4	65.6	65.6	65.7	65.8
≥ 18000	18.9	47.8	54.1	58.8	62.3	63.2	64.4	65.1	65.2	65.5	65.7	65.7	65.9	65.9	66.0	66.1
≥ 16000	19.0	48.0	54.3	59.1	62.6	63.5	64.7	65.4	65.5	65.8	66.0	66.0	66.2	66.2	66.3	66.4
≥ 14000	19.2	48.9	55.4	60.3	63.9	64.8	66.1	66.8	66.9	67.2	67.4	67.4	67.6	67.6	67.7	67.8
≥ 12000	19.8	50.7	57.5	62.6	66.5	67.4	68.8	69.5	69.6	69.9	70.1	70.1	70.3	70.3	70.4	70.5
≥ 10000	20.8	53.7	61.0	66.5	70.7	71.7	73.1	73.9	74.0	74.4	74.6	74.6	74.8	74.8	74.9	75.0
≥ 9000	21.1	54.7	62.1	67.8	72.1	73.1	74.6	75.3	75.4	75.8	76.0	76.1	76.2	76.2	76.4	76.5
≥ 8000	21.7	56.4	64.1	70.0	74.6	75.6	77.1	77.9	78.0	78.4	78.6	78.7	78.8	78.9	79.0	79.1
≥ 7000	22.0	57.4	65.3	71.4	76.1	77.2	78.8	79.6	79.7	80.1	80.3	80.4	80.5	80.6	80.7	80.8
≥ 6000	22.1	58.0	65.9	72.1	77.0	78.1	79.7	80.5	80.6	81.0	81.2	81.3	81.4	81.5	81.6	81.7
≥ 5000	22.5	58.9	66.9	73.3	78.3	79.4	81.2	82.0	82.1	82.6	82.8	82.8	83.0	83.0	83.2	83.3
≥ 4500	22.6	59.3	67.3	73.8	78.8	79.9	81.6	82.5	82.6	83.1	83.3	83.3	83.5	83.5	83.7	83.8
≥ 4000	22.9	60.2	68.5	75.1	80.3	81.5	83.3	84.2	84.3	84.8	85.0	85.0	85.2	85.3	85.4	85.5
≥ 3500	23.2	61.0	69.3	76.0	81.3	82.5	84.3	85.3	85.4	85.8	86.1	86.1	86.3	86.3	86.5	86.6
≥ 3000	23.5	62.0	70.5	77.4	82.8	84.0	85.9	86.9	87.0	87.5	87.8	87.8	88.0	88.0	88.1	88.3
≥ 2500	23.7	62.8	71.5	78.6	84.1	85.4	87.3	88.3	88.4	88.9	89.2	89.2	89.4	89.4	89.6	89.7
≥ 2000	23.9	63.9	72.8	80.1	85.8	87.1	89.1	90.1	90.3	90.8	91.0	91.1	91.3	91.3	91.4	91.6
≥ 1800	24.0	64.1	73.0	80.3	86.1	87.4	89.4	90.4	90.6	91.1	91.4	91.4	91.6	91.6	91.8	91.9
≥ 1500	24.1	64.7	73.7	81.2	87.1	88.5	90.6	91.7	91.8	92.4	92.6	92.6	92.9	92.9	93.0	93.2
≥ 1200	24.2	65.3	74.5	82.1	88.1	89.6	91.7	92.8	93.0	93.6	93.8	93.9	94.1	94.1	94.2	94.4
≥ 1000	24.2	65.7	75.0	82.8	89.0	90.5	92.7	93.9	94.0	94.7	95.0	95.0	95.2	95.2	95.4	95.5
≥ 900	24.2	65.9	75.3	83.2	89.4	90.9	93.1	94.4	94.5	95.2	95.5	95.5	95.7	95.7	95.9	96.0
≥ 800	24.3	66.1	75.6	83.6	89.9	91.5	93.8	95.1	95.3	96.0	96.3	96.3	96.6	96.6	96.7	96.9
≥ 700	24.3	66.3	75.8	83.9	90.4	92.0	94.4	95.8	96.0	96.7	97.0	97.0	97.2	97.2	97.4	97.5
≥ 600	24.3	66.4	76.1	84.2	90.8	92.5	95.0	96.4	96.6	97.3	97.6	97.7	97.9	97.9	98.1	98.2
≥ 500	24.3	66.5	76.2	84.4	91.1	92.8	95.4	96.8	97.0	97.8	98.2	98.2	98.5	98.5	98.7	98.8
≥ 400	24.3	66.5	76.2	84.5	91.2	92.9	95.5	97.0	97.2	98.1	98.5	98.5	98.7	98.8	98.9	99.1
≥ 300	24.3	66.5	76.2	84.5	91.2	92.9	95.6	97.1	97.4	98.2	98.6	98.7	98.9	99.0	99.1	99.3
≥ 200	24.3	66.5	76.2	84.5	91.3	93.0	95.6	97.2	97.4	98.3	98.8	98.8	99.1	99.1	99.4	99.6
≥ 100	24.3	66.5	76.2	84.5	91.3	93.0	95.6	97.2	97.5	98.4	98.8	98.9	99.2	99.3	99.5	99.8
≥ 0	24.3	66.5	76.2	84.5	91.3	93.0	95.7	97.2	97.5	98.4	98.8	98.9	99.2	99.3	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 19271

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13707
STATION

DOVER AFB DELAWARE
STATION NAME

43-46,50-72
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING	21.0	45.4	48.9	52.2	54.5	55.0	55.9	56.9	56.4	56.8	56.9	56.9	57.1	57.1	57.2	57.2
≥ 20000	23.3	50.2	54.0	57.5	60.1	60.7	61.7	62.2	62.3	62.7	62.9	62.9	63.0	63.0	63.1	63.2
≥ 18000	23.4	50.4	54.1	57.8	60.4	61.0	62.0	62.5	62.6	63.0	63.1	63.1	63.2	63.3	63.4	63.5
≥ 16000	23.4	50.6	54.4	58.0	60.7	61.3	62.3	62.8	62.9	63.3	63.4	63.5	63.6	63.6	63.7	63.8
≥ 14000	23.7	51.5	55.4	59.1	61.8	62.5	63.5	64.0	64.1	64.5	64.7	64.7	64.8	64.8	64.9	65.0
≥ 12000	24.3	53.3	57.5	61.5	64.4	65.0	66.1	66.7	66.8	67.2	67.3	67.3	67.5	67.5	67.6	67.7
≥ 10000	25.3	55.0	60.4	64.8	67.9	68.6	69.8	70.3	70.4	70.8	70.9	71.0	71.1	71.1	71.2	71.3
≥ 9000	25.6	56.6	61.2	65.6	68.8	69.5	70.6	71.2	71.3	71.7	71.8	71.9	72.0	72.0	72.1	72.2
≥ 8000	26.1	58.2	62.9	67.4	70.8	71.5	72.7	73.2	73.3	73.8	73.9	73.9	74.1	74.1	74.2	74.3
≥ 7000	26.5	59.4	64.1	68.8	72.3	73.1	74.4	74.9	75.0	75.5	75.6	75.7	75.8	75.8	75.9	76.0
≥ 6000	26.7	60.0	64.8	69.6	73.1	73.9	75.2	75.8	75.9	76.4	76.5	76.6	76.7	76.7	76.8	76.9
≥ 5000	27.0	61.2	66.1	71.0	74.7	75.6	76.9	77.5	77.6	78.1	78.3	78.3	78.4	78.4	78.5	78.6
≥ 4500	27.2	61.6	66.6	71.6	75.4	76.2	77.6	78.2	78.3	78.7	78.9	78.9	79.1	79.1	79.2	79.3
≥ 4000	27.6	62.7	67.9	73.0	76.8	77.7	79.1	79.7	79.8	80.3	80.5	80.5	80.6	80.7	80.8	80.9
≥ 3500	28.0	63.6	68.9	74.1	78.0	78.9	80.4	81.0	81.1	81.6	81.8	81.8	81.9	81.9	82.0	82.2
≥ 3000	28.5	65.1	70.5	75.0	80.0	81.0	82.5	83.2	83.3	83.7	83.9	83.9	84.1	84.1	84.2	84.3
≥ 2500	28.9	66.3	71.9	77.5	81.7	82.7	84.2	84.9	85.0	85.5	85.7	85.7	85.8	85.8	86.0	86.1
≥ 2000	29.2	67.4	73.1	79.0	83.3	84.3	86.0	86.7	86.8	87.3	87.5	87.5	87.7	87.7	87.8	87.9
≥ 1800	29.3	67.7	73.4	79.3	83.7	84.7	86.4	87.2	87.3	87.8	88.0	88.0	88.1	88.1	88.2	88.3
≥ 1500	29.5	68.3	74.2	80.2	84.8	85.9	87.7	88.4	88.6	89.1	89.3	89.3	89.5	89.5	89.6	89.7
≥ 1200	29.6	69.1	75.1	81.3	86.2	87.4	89.3	90.1	90.2	90.8	91.0	91.0	91.1	91.1	91.3	91.4
≥ 1000	29.7	69.6	75.8	82.1	87.4	88.7	90.8	91.7	91.9	92.6	92.8	92.9	93.0	93.0	93.1	93.2
≥ 900	29.7	69.7	76.0	82.5	87.9	89.2	91.5	92.4	92.5	93.3	93.5	93.5	93.7	93.7	93.8	93.9
≥ 800	29.7	70.0	76.3	82.9	88.5	89.9	92.3	93.3	93.4	94.2	94.4	94.5	94.7	94.7	94.8	94.9
≥ 700	29.7	70.2	76.7	83.4	89.1	90.6	93.1	94.1	94.3	95.2	95.4	95.5	95.6	95.6	95.8	95.9
≥ 600	29.7	70.3	76.9	83.6	89.5	91.0	93.6	94.7	94.9	95.9	96.1	96.2	96.4	96.4	96.5	96.6
≥ 500	29.7	70.4	77.0	83.8	89.9	91.4	94.2	95.4	95.6	96.7	97.1	97.1	97.4	97.4	97.5	97.6
≥ 400	29.7	70.4	77.1	84.0	90.1	91.6	94.5	95.8	96.0	97.2	97.7	97.7	98.0	98.0	98.1	98.3
≥ 300	29.7	70.4	77.2	84.0	90.2	91.8	94.7	96.1	96.4	97.7	98.2	98.3	98.6	98.6	98.8	98.9
≥ 200	29.7	70.5	77.2	84.0	90.2	91.8	94.9	96.3	96.6	98.0	98.6	98.7	99.0	99.1	99.3	99.4
≥ 100	29.7	70.5	77.2	84.0	90.2	91.8	94.9	96.3	96.6	98.1	98.6	98.8	99.2	99.3	99.5	99.7
≥ 0	29.7	70.5	77.2	84.0	90.2	91.8	94.9	96.3	96.6	98.1	98.6	98.8	99.2	99.3	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS

19170

USAF ETAC

FORM
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13707

DOVER AFB DELAWARE

43-45,50-72

OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.25	≥ 1	≥ .75	≥ .5	≥ .25	≥ .16	≥ .1	≥ 0
NO CEILING	26.2	48.7	51.7	54.0	55.1	56.6	57.4	57.8	57.9	58.3	58.4	58.5	58.7	58.8	59.0	59.4
≥ 20000	27.6	51.8	55.0	57.6	59.9	60.4	61.2	61.8	61.9	62.2	62.4	62.5	62.7	62.8	63.0	63.4
≥ 18000	27.7	52.0	55.3	57.8	60.1	60.6	61.5	62.0	62.1	62.5	62.7	62.7	63.0	63.0	63.2	63.7
≥ 16000	27.7	52.2	55.5	58.1	60.4	60.9	61.8	62.3	62.4	62.8	63.0	63.0	63.3	63.3	63.5	64.0
≥ 14000	27.9	52.8	56.1	58.8	61.2	61.6	62.6	63.1	63.2	63.6	63.8	63.8	64.1	64.1	64.3	64.8
≥ 12000	28.4	54.1	57.5	60.3	62.7	63.2	64.1	64.8	64.9	65.2	65.4	65.5	65.7	65.8	66.0	66.4
≥ 10000	29.4	56.4	60.0	62.9	65.6	66.0	67.0	67.7	67.8	68.2	68.4	68.4	68.7	68.7	68.9	69.4
≥ 9000	29.7	57.3	61.0	64.0	66.6	67.1	68.1	68.8	68.9	69.3	69.5	69.5	69.8	69.8	70.0	70.3
≥ 8000	30.4	59.3	63.1	66.3	69.0	69.5	70.6	71.3	71.4	71.8	72.0	72.0	72.3	72.3	72.6	73.0
≥ 7000	30.8	60.8	64.8	68.0	70.9	71.4	72.5	73.2	73.3	73.6	73.9	73.9	74.2	74.2	74.4	74.9
≥ 6000	31.2	61.8	66.0	69.3	72.2	72.7	73.8	74.5	74.6	75.0	75.2	75.2	75.5	75.6	75.8	76.2
≥ 5000	31.8	63.4	67.8	71.2	74.2	74.8	75.9	76.6	76.7	77.1	77.3	77.4	77.6	77.7	77.9	78.4
≥ 4500	32.3	64.6	69.0	72.5	75.5	76.1	77.3	78.0	78.1	78.5	78.7	78.7	79.0	79.1	79.3	79.8
≥ 4000	32.8	66.0	70.5	74.1	77.2	77.8	79.0	79.7	79.9	80.2	80.5	80.5	80.8	80.8	81.1	81.5
≥ 3500	33.2	67.2	71.9	75.7	78.9	79.5	80.7	81.5	81.6	82.0	82.2	82.2	82.5	82.6	82.8	83.3
≥ 3000	33.7	68.4	73.3	77.2	80.7	81.3	82.6	83.4	83.5	83.9	84.1	84.2	84.4	84.5	84.7	85.2
≥ 2500	34.1	69.4	74.5	78.6	82.1	82.8	84.2	84.9	85.1	85.5	85.7	85.7	86.0	86.1	86.3	86.8
≥ 2000	34.4	70.5	75.8	80.0	83.9	84.6	86.0	86.8	87.0	87.4	87.6	87.7	88.0	88.0	88.2	88.8
≥ 1800	34.5	70.8	76.1	80.4	84.3	85.0	86.4	87.3	87.4	87.8	88.1	88.1	88.4	88.5	88.7	89.2
≥ 1500	34.6	71.2	76.7	81.2	85.3	86.0	87.5	88.4	88.6	89.0	89.3	89.3	89.6	89.7	89.9	90.4
≥ 1200	34.7	71.7	77.4	82.1	86.3	87.1	88.7	89.7	89.9	90.4	90.6	90.6	91.0	91.0	91.3	91.7
≥ 1000	34.8	72.1	78.0	82.7	87.2	88.1	89.9	91.0	91.1	91.6	91.9	91.9	92.2	92.3	92.5	93.0
≥ 900	34.8	72.3	78.3	83.1	87.6	88.6	90.4	91.5	91.7	92.2	92.4	92.5	92.8	92.9	93.1	93.6
≥ 800	34.8	72.5	78.5	83.4	88.2	89.2	91.1	92.4	92.6	93.1	93.4	93.5	93.8	93.9	94.2	94.6
≥ 700	34.8	72.6	78.7	83.7	88.5	89.7	91.6	92.9	93.1	93.8	94.1	94.1	94.5	94.5	94.8	95.3
≥ 600	34.8	72.7	78.8	83.9	88.9	90.1	92.2	93.6	93.8	94.5	94.8	94.8	95.2	95.3	95.6	96.1
≥ 500	34.8	72.8	79.0	84.2	89.4	90.6	92.9	94.3	94.5	95.3	95.6	95.7	96.2	96.2	96.5	97.0
≥ 400	34.8	72.8	79.1	84.3	89.6	90.9	93.2	94.8	95.1	95.9	96.2	96.3	96.8	96.9	97.2	97.7
≥ 300	34.8	72.8	79.1	84.4	89.7	91.1	93.5	95.2	95.6	96.5	96.9	97.0	97.5	97.6	97.9	98.4
≥ 200	34.8	72.8	79.1	84.4	89.8	91.2	93.6	95.4	95.8	96.8	97.2	97.3	97.8	98.0	98.3	98.8
≥ 100	34.8	72.8	79.1	84.4	89.8	91.2	93.6	95.4	95.8	96.8	97.3	97.4	98.0	98.2	98.7	99.5
≥ 0	34.8	72.8	79.1	84.4	89.8	91.2	93.6	95.4	95.8	96.8	97.3	97.5	98.1	98.2	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS

19235

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13707
STATION

DOVER AFB DELAWARE
STATION NAME

43-45, 50-72
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS TEST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING	23.7	44.2	46.7	48.2	50.4	50.9	51.8	52.2	52.4	52.7	52.8	52.8	53.0	53.0	53.2	53.5
≥ 20000	26.0	49.5	52.3	53.9	56.2	56.8	57.8	58.2	58.4	58.7	58.8	58.8	59.0	59.1	59.2	59.5
≥ 18000	26.0	49.7	52.6	54.2	56.5	57.0	58.1	58.5	58.6	59.0	59.1	59.1	59.3	59.3	59.4	59.8
≥ 16000	26.1	50.0	52.9	54.5	56.9	57.4	58.4	58.8	59.0	59.3	59.4	59.5	59.6	59.7	59.8	60.2
≥ 14000	26.5	51.0	54.0	55.6	58.0	58.5	59.5	59.9	60.1	60.5	60.6	60.6	60.8	60.8	61.0	61.3
≥ 12000	27.3	52.8	55.8	57.5	59.9	60.5	61.6	62.0	62.2	62.6	62.7	62.7	62.9	63.0	63.1	63.4
≥ 10000	28.3	55.3	58.5	60.4	62.9	63.6	64.7	65.2	65.3	65.7	65.8	65.9	66.1	66.1	66.3	66.6
≥ 9000	28.8	56.6	59.9	61.8	64.4	65.0	66.2	66.6	66.8	67.2	67.3	67.4	67.6	67.6	67.8	68.1
≥ 8000	29.5	58.6	62.0	64.0	66.7	67.4	68.6	69.1	69.3	69.7	69.8	69.9	70.1	70.1	70.2	70.6
≥ 7000	30.3	60.7	64.2	66.4	69.2	69.9	71.1	71.6	71.9	72.2	72.4	72.4	72.7	72.7	72.8	73.2
≥ 6000	30.8	62.1	65.8	68.0	70.9	71.6	72.9	73.4	73.6	74.0	74.2	74.2	74.5	74.5	74.7	75.0
≥ 5000	31.6	64.6	68.5	70.8	73.8	74.6	75.9	76.4	76.7	77.1	77.3	77.3	77.6	77.6	77.7	78.1
≥ 4500	31.9	65.5	69.5	71.9	74.9	75.7	77.1	77.6	77.8	78.2	78.4	78.4	78.7	78.7	78.9	79.3
≥ 4000	32.5	67.5	71.7	74.3	77.4	78.3	79.7	80.3	80.5	80.9	81.1	81.1	81.4	81.4	81.6	82.0
≥ 3500	33.0	68.8	73.2	75.9	79.2	80.1	81.5	82.1	82.4	82.8	83.0	83.0	83.3	83.3	83.4	83.8
≥ 3000	33.4	70.2	74.8	77.7	81.0	81.9	83.4	84.0	84.3	84.7	84.9	84.9	85.2	85.2	85.4	85.8
≥ 2500	33.7	71.1	75.8	78.8	82.3	83.2	84.7	85.3	85.6	86.1	86.2	86.3	86.5	86.5	86.7	87.1
≥ 2000	33.9	72.0	76.9	80.0	83.7	84.6	86.2	86.8	87.1	87.6	87.8	87.8	88.1	88.2	88.3	88.7
≥ 1800	34.0	72.1	77.1	80.2	83.9	84.8	86.5	87.1	87.4	87.9	88.1	88.1	88.4	88.5	88.6	89.0
≥ 1500	34.1	72.6	77.0	81.1	85.0	86.0	87.7	88.3	88.6	89.1	89.3	89.4	89.7	89.7	89.8	90.3
≥ 1200	34.1	73.1	78.4	81.8	85.9	87.0	88.7	89.4	89.7	90.2	90.4	90.5	90.8	90.8	91.0	91.4
≥ 1000	34.2	73.4	78.9	82.4	86.8	87.9	89.7	90.5	90.8	91.4	91.6	91.7	92.0	92.1	92.2	92.6
≥ 900	34.2	73.5	79.1	82.7	87.2	88.3	90.2	91.0	91.4	91.9	92.2	92.3	92.6	92.6	92.8	93.2
≥ 800	34.2	73.7	79.3	83.0	87.6	88.8	90.7	91.6	92.0	92.6	92.9	93.0	93.3	93.3	93.5	93.9
≥ 700	34.2	73.8	79.5	83.3	88.0	89.3	91.4	92.3	92.7	93.4	93.7	93.8	94.1	94.2	94.3	94.7
≥ 600	34.2	74.0	79.7	83.6	88.5	89.8	92.1	93.0	93.4	94.3	94.6	94.6	95.0	95.1	95.2	95.6
≥ 500	34.2	74.1	79.9	83.9	88.9	90.2	92.6	93.7	94.2	95.1	95.5	95.5	96.0	96.0	96.2	96.7
≥ 400	34.2	74.1	80.0	84.0	89.1	90.5	93.1	94.3	94.7	95.8	96.2	96.3	96.7	96.8	97.0	97.4
≥ 300	34.2	74.2	80.0	84.1	89.3	90.7	93.4	94.8	95.3	96.1	96.8	97.0	97.4	97.5	97.8	98.2
≥ 200	34.2	74.2	80.0	84.1	89.4	90.8	93.6	95.0	95.5	96.7	97.2	97.3	97.9	98.1	98.4	98.9
≥ 100	34.2	74.2	80.0	84.1	89.4	90.8	93.6	95.0	95.5	96.7	97.2	97.4	98.0	98.2	98.6	99.3
≥ 0	34.2	74.2	80.0	84.1	89.4	90.8	93.6	95.0	95.5	96.7	97.2	97.4	98.0	98.2	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS

18640

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13707

DOVER AFB DELAWARE

42-45, 50-72

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS 1-24

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/8	≥0	≥0
NO CEILING	22.3	42.2	44.4	45.7	47.8	48.1	48.6	48.9	48.9	49.0	49.1	49.1	49.2	49.2	49.3	49.5
≥ 20000	24.0	45.9	48.4	50.0	52.3	52.7	53.2	53.6	53.6	53.8	53.8	53.8	53.9	53.9	54.0	54.2
≥ 18000	24.1	46.1	48.7	50.3	52.6	53.0	53.5	53.8	53.9	54.0	54.1	54.1	54.2	54.2	54.3	54.5
≥ 16000	24.1	46.4	48.9	50.6	52.9	53.3	53.8	54.2	54.2	54.4	54.5	54.5	54.6	54.6	54.6	54.9
≥ 14000	24.4	47.4	50.1	51.8	54.2	54.5	55.1	55.5	55.5	55.7	55.8	55.8	55.9	55.9	56.0	56.2
≥ 12000	25.2	49.3	52.1	54.0	56.5	56.8	57.5	57.8	57.8	58.0	58.1	58.1	58.2	58.2	58.3	58.5
≥ 10000	26.2	51.9	55.0	57.1	59.7	60.1	60.8	61.1	61.1	61.4	61.4	61.5	61.6	61.6	61.6	61.9
≥ 9000	26.7	53.3	56.5	58.7	61.3	61.7	62.4	62.8	62.8	63.1	63.1	63.1	63.3	63.3	63.3	63.6
≥ 8000	27.4	55.4	58.8	61.2	64.1	64.5	65.3	65.7	65.7	65.9	66.0	66.0	66.1	66.2	66.2	66.5
≥ 7000	27.9	57.1	60.9	63.4	66.6	67.1	68.0	68.4	68.5	68.7	68.8	68.8	69.0	69.0	69.1	69.3
≥ 6000	28.4	58.4	62.3	64.9	68.3	68.9	69.8	70.3	70.3	70.6	70.7	70.7	70.8	70.8	70.9	71.2
≥ 5000	28.9	60.4	64.6	67.5	71.2	71.8	72.9	73.4	73.5	73.7	73.9	73.9	74.0	74.0	74.1	74.4
≥ 4500	29.0	61.2	65.4	68.4	72.3	72.9	74.0	74.6	74.7	74.9	75.1	75.1	75.2	75.2	75.3	75.6
≥ 4000	29.4	62.9	67.4	70.6	74.6	75.2	76.5	77.1	77.2	77.4	77.6	77.6	77.7	77.7	77.8	78.1
≥ 3500	29.8	64.1	68.8	72.1	76.3	77.0	78.3	78.9	79.0	79.3	79.5	79.5	79.7	79.7	79.8	80.0
≥ 3000	30.0	65.1	70.0	73.4	77.6	78.5	79.9	80.7	80.8	81.2	81.3	81.4	81.5	81.5	81.6	81.9
≥ 2500	30.1	65.7	70.7	74.4	78.9	79.7	81.2	82.0	82.1	82.4	82.6	82.7	82.8	82.8	82.9	83.2
≥ 2000	30.3	66.6	71.8	75.7	80.4	81.3	82.8	83.7	83.9	84.3	84.5	84.5	84.7	84.7	84.8	85.1
≥ 1800	30.3	66.7	71.9	75.8	80.6	81.5	83.2	84.0	84.2	84.6	84.8	84.8	85.0	85.0	85.1	85.4
≥ 1500	30.3	67.1	72.4	76.4	81.4	82.4	84.2	85.1	85.3	85.7	86.0	86.0	86.2	86.2	86.3	86.6
≥ 1200	30.4	67.5	73.0	77.2	82.2	83.2	85.1	86.0	85.2	86.7	87.0	87.0	87.2	87.2	87.3	87.6
≥ 1000	30.4	67.9	73.5	77.8	83.1	84.2	86.1	87.2	87.5	88.1	88.4	88.4	88.6	88.6	88.7	89.0
≥ 900	30.4	68.0	73.6	78.0	83.4	84.5	86.5	87.7	88.0	88.6	88.9	89.0	89.2	89.2	89.3	89.6
≥ 800	30.4	68.1	73.8	78.3	83.8	85.0	87.0	88.3	88.6	89.4	89.7	89.8	90.0	90.1	90.2	90.4
≥ 700	30.5	68.3	74.1	78.6	84.3	85.5	87.7	89.0	89.3	90.2	90.5	90.6	90.9	90.9	91.0	91.3
≥ 600	30.5	68.4	74.4	79.1	84.9	86.2	88.6	90.0	90.4	91.3	91.7	91.8	92.1	92.1	92.2	92.5
≥ 500	30.5	68.6	74.6	79.4	85.5	87.0	89.5	91.2	91.5	92.6	93.1	93.2	93.5	93.6	93.8	94.0
≥ 400	30.5	68.6	74.7	79.6	85.9	87.4	90.2	92.1	92.5	93.7	94.2	94.3	94.8	94.8	95.0	95.3
≥ 300	30.5	68.6	74.7	79.6	86.1	87.8	90.7	92.8	93.3	94.6	95.3	95.5	96.0	96.1	96.4	96.7
≥ 200	30.5	68.6	74.7	79.8	86.2	87.9	90.9	93.1	93.8	95.3	96.1	96.3	97.0	97.2	97.5	97.9
≥ 100	30.5	68.6	74.7	79.8	86.2	87.9	90.9	93.2	93.9	95.4	96.4	96.7	97.5	97.7	98.3	99.0
≥ 0	30.5	68.6	74.7	79.8	86.2	87.9	90.9	93.2	93.9	95.4	96.4	96.7	97.6	97.8	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS

19957

USAF ETAC FORM 1-64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13707

DOVER AFB DELAWARE

43-46, 51-72

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥1/8	>0
NO CEILING	24.4	43.7	47.6	49.0	51.3	51.4	52.0	52.0	52.1	52.1	52.2	52.2	52.3	52.3	52.4	52.5
≥ 20000	25.4	48.6	50.8	52.2	54.6	54.7	55.3	55.4	55.5	55.5	55.6	55.6	55.7	55.7	55.8	55.9
≥ 18000	25.6	49.2	51.3	52.8	55.2	55.3	55.9	56.0	56.0	56.1	56.2	56.2	56.3	56.3	56.4	56.5
≥ 16000	25.8	49.8	52.0	52.4	55.8	55.9	56.5	56.6	56.7	56.7	56.8	56.8	56.9	56.9	57.0	57.1
≥ 14000	26.4	51.1	53.3	54.7	57.1	57.2	57.8	57.9	58.0	58.0	58.1	58.1	58.2	58.2	58.3	58.4
≥ 12000	26.9	52.3	54.6	56.0	58.6	58.7	59.3	59.4	59.5	59.5	59.6	59.6	59.7	59.7	59.8	59.9
≥ 10000	27.7	54.3	56.8	58.3	61.2	61.3	62.0	62.1	62.1	62.1	62.2	62.2	62.3	62.3	62.3	62.6
≥ 9000	28.0	54.8	57.2	58.9	61.9	62.0	62.7	62.8	62.8	62.9	63.0	63.0	63.1	63.1	63.3	63.4
≥ 8000	28.7	56.5	59.3	61.1	64.3	64.4	65.1	65.3	65.3	65.3	65.4	65.4	65.6	65.6	65.8	65.9
≥ 7000	29.2	57.7	60.6	62.7	66.1	66.2	66.9	67.1	67.1	67.1	67.2	67.2	67.4	67.4	67.6	67.7
≥ 6000	29.5	59.1	62.3	64.6	68.1	68.3	69.0	69.1	69.1	69.2	69.3	69.3	69.4	69.5	69.7	69.8
≥ 5000	30.2	60.7	64.3	66.8	71.0	71.1	71.9	72.1	72.1	72.1	72.2	72.2	72.4	72.5	72.7	72.8
≥ 4500	30.7	61.8	65.4	67.9	72.2	72.4	73.1	73.4	73.4	73.4	73.5	73.5	73.7	73.8	74.0	74.1
≥ 4000	31.2	63.0	67.1	69.9	74.3	74.4	75.2	75.5	75.5	75.6	75.7	75.7	75.9	75.9	76.2	76.3
≥ 3500	31.7	64.3	68.6	71.6	76.1	76.3	77.4	77.6	77.7	77.8	77.9	77.9	78.0	78.1	78.4	78.5
≥ 3000	32.1	65.7	70.4	73.8	78.6	78.8	79.9	80.2	80.2	80.4	80.4	80.4	80.6	80.7	80.9	81.1
≥ 2500	32.4	66.6	71.6	75.1	80.1	80.3	81.6	81.9	82.0	82.3	82.4	82.4	82.5	82.6	82.9	83.0
≥ 2000	32.4	67.6	72.6	76.3	81.5	81.8	83.4	83.8	83.9	84.2	84.3	84.3	84.4	84.5	84.8	84.9
≥ 1800	32.4	67.6	72.6	76.4	81.7	82.0	83.6	84.0	84.1	84.4	84.5	84.5	84.7	84.7	85.0	85.2
≥ 1500	32.4	67.8	72.9	76.8	82.2	82.6	84.2	84.7	84.8	85.3	85.4	85.4	85.5	85.6	85.9	86.0
≥ 1200	32.7	68.9	74.0	78.1	83.5	84.1	85.7	86.2	86.4	86.9	87.0	87.0	87.2	87.3	87.5	87.7
≥ 1000	32.7	69.2	74.3	78.4	84.1	84.6	86.4	87.1	87.3	87.9	88.1	88.1	88.4	88.4	88.7	88.9
≥ 900	32.7	69.3	74.5	78.9	84.7	85.1	87.2	87.9	88.2	88.9	89.2	89.2	89.4	89.5	89.7	89.9
≥ 800	32.7	69.6	74.7	79.1	85.2	85.7	87.8	88.7	88.9	89.8	90.0	90.0	90.3	90.4	90.6	90.6
≥ 700	32.8	69.8	74.9	79.4	85.5	86.0	88.2	89.2	89.5	90.3	90.6	90.6	90.9	91.0	91.2	91.4
≥ 600	32.8	69.9	75.1	79.7	86.2	86.7	88.9	90.0	90.3	91.2	91.5	91.5	91.9	92.0	92.2	92.4
≥ 500	32.8	69.9	75.1	79.8	86.3	86.9	89.3	90.3	90.8	92.0	92.3	92.4	93.0	93.1	93.3	93.5
≥ 400	32.8	69.9	75.2	79.9	86.6	87.4	90.0	91.5	91.7	93.1	93.4	93.5	94.2	94.3	94.6	94.8
≥ 300	32.8	69.9	75.2	79.9	86.6	87.4	90.0	91.5	91.8	93.4	93.7	93.9	94.8	95.0	95.2	95.5
≥ 200	32.8	69.9	75.2	79.9	86.7	87.4	90.3	91.9	92.3	94.2	94.7	94.9	96.0	96.3	96.7	97.0
≥ 100	32.8	69.9	75.2	79.9	86.7	87.4	90.3	91.9	92.4	94.4	95.0	95.3	96.7	97.1	98.0	98.7
≥ 0	32.8	69.9	75.2	79.9	86.7	87.4	90.3	91.9	92.4	94.4	95.0	95.4	96.7	97.2	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS

2398

USAF ETAC

FORM
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13707

DOVER AFB DELAWARE

43-46,31-72

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING	24.3	45.0	47.0	48.7	50.7	50.8	51.5	51.6	51.7	51.7	51.7	51.7	51.7	51.9	51.9	52.0
≥ 20000	25.5	47.9	50.1	52.1	54.2	54.3	55.0	55.1	55.1	55.2	55.2	55.2	55.2	55.4	55.4	55.5
≥ 18000	25.5	48.1	50.3	52.3	54.4	54.5	55.2	55.3	55.3	55.4	55.4	55.4	55.4	55.6	55.6	55.7
≥ 16000	25.5	48.5	50.8	52.7	54.8	55.0	55.6	55.7	55.8	55.8	55.8	55.8	55.8	55.9	56.0	56.0
≥ 14000	25.7	49.5	51.9	53.8	56.0	56.1	56.7	56.9	56.9	57.0	57.0	57.0	57.0	57.2	57.2	57.3
≥ 12000	26.5	50.9	53.3	55.4	57.7	58.0	58.6	58.7	58.8	59.0	59.0	59.0	59.0	59.2	59.2	59.3
≥ 10000	27.3	52.9	55.4	57.5	60.2	60.4	61.2	61.4	61.4	61.6	61.6	61.6	61.7	61.8	61.8	62.0
≥ 9000	27.7	53.7	56.2	58.4	61.1	61.3	62.1	62.2	62.3	62.5	62.5	62.5	62.5	62.7	62.7	62.9
≥ 8000	28.4	55.3	56.4	60.8	63.8	64.0	64.9	65.0	65.0	65.2	65.2	65.3	65.3	65.3	65.3	65.7
≥ 7000	29.4	57.1	60.2	62.9	66.0	66.4	67.2	67.3	67.4	67.6	67.6	67.6	67.6	67.8	67.8	68.0
≥ 6000	29.6	57.9	61.3	64.0	67.3	67.7	68.5	68.6	68.7	68.9	68.9	68.9	68.9	69.1	69.1	69.3
≥ 5000	30.3	59.5	63.3	66.4	70.2	70.6	71.5	71.7	71.8	72.0	72.0	72.0	72.0	72.2	72.2	72.4
≥ 4500	30.8	60.4	64.3	67.7	71.6	72.0	73.0	73.2	73.2	73.4	73.4	73.4	73.5	73.7	73.7	73.9
≥ 4000	31.2	61.7	66.1	69.7	73.9	74.3	75.4	75.7	75.8	76.0	76.0	76.1	76.1	76.3	76.3	76.5
≥ 3500	31.4	62.3	67.6	71.2	75.6	76.0	77.2	77.6	77.6	77.7	77.7	77.7	77.9	78.1	78.1	78.3
≥ 3000	31.7	63.9	68.9	72.9	77.5	77.9	79.3	79.7	79.8	80.1	80.1	80.1	80.1	80.3	80.3	80.6
≥ 2500	31.9	64.7	69.8	73.9	78.7	79.3	80.6	81.2	81.3	81.6	81.6	81.6	81.6	81.8	81.9	82.1
≥ 2000	32.1	65.5	70.9	75.4	80.6	81.1	82.6	83.2	83.3	83.6	83.6	83.6	83.8	84.0	84.0	84.2
≥ 1800	32.1	65.7	71.0	75.5	80.8	81.4	82.9	83.6	83.6	84.0	84.0	84.1	84.1	84.3	84.4	84.6
≥ 1500	32.1	66.0	71.5	76.1	81.6	82.2	83.9	84.6	84.7	85.1	85.1	85.2	85.4	85.5	85.7	86.1
≥ 1200	32.2	66.6	72.2	76.9	82.6	83.2	84.9	85.8	85.9	86.3	86.4	86.5	86.7	86.8	87.0	87.3
≥ 1000	32.2	66.7	72.4	77.4	83.1	83.7	85.5	86.4	86.5	87.0	87.1	87.3	87.3	87.6	87.6	87.8
≥ 900	32.2	66.9	72.7	77.7	83.5	84.1	86.1	87.1	87.3	87.8	88.0	88.1	88.5	88.5	88.7	89.1
≥ 800	32.2	67.2	73.1	78.1	84.1	84.9	87.0	88.2	88.4	89.1	89.3	89.4	89.8	89.8	90.0	90.4
≥ 700	32.2	67.3	73.4	78.6	84.8	85.6	87.8	89.1	89.3	90.1	90.3	90.4	90.8	90.8	91.0	91.4
≥ 600	32.2	67.4	73.6	78.8	85.1	86.0	88.3	89.6	89.8	90.8	91.0	91.2	91.7	91.8	92.0	92.3
≥ 500	32.2	67.4	73.7	79.1	85.6	86.6	89.2	90.7	90.9	92.2	92.6	92.8	93.3	93.4	93.6	94.0
≥ 400	32.2	67.4	73.8	79.2	85.7	86.8	89.6	91.3	91.5	93.0	93.5	93.7	94.3	94.3	94.5	94.9
≥ 300	32.2	67.4	73.8	79.2	85.8	86.8	89.8	91.6	91.9	93.6	94.2	94.4	95.1	95.2	95.5	95.9
≥ 200	32.2	67.4	73.8	79.3	85.8	86.9	89.8	91.8	92.2	94.1	94.9	95.0	96.0	96.1	96.3	97.0
≥ 100	32.2	67.4	73.8	79.3	85.8	86.9	89.8	91.8	92.3	94.3	95.1	95.5	96.8	97.2	97.8	98.4
≥ 0	32.2	67.4	73.8	79.3	85.8	86.9	89.8	91.8	92.3	94.3	95.1	95.5	96.8	97.2	97.9	100.0

TOTAL NUMBER OF OBSERVATIONS.

2402

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13707
STATION

DIVISION AF8 DELAWARE
STATION NAME

43-46,51-72
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS, U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	22.0	39.7	42.0	43.5	45.6	46.0	46.8	47.0	47.3	47.5	47.7	47.7	47.8	47.8	47.8	47.8
≥ 20000	23.7	43.7	46.3	48.1	50.4	50.8	51.6	52.0	52.2	52.5	52.7	52.7	52.8	52.8	52.8	53.0
IV 18000	23.7	43.8	46.6	48.3	50.6	51.0	51.8	52.2	52.4	52.7	53.0	53.0	53.0	53.0	53.0	53.2
IV 16000	23.8	44.2	46.9	48.7	51.0	51.4	52.2	52.6	52.8	53.2	53.4	53.4	53.4	53.4	53.4	53.6
IV 14000	24.2	45.3	48.1	50.0	52.3	52.7	53.6	54.0	54.2	54.6	54.8	54.8	54.8	54.8	54.8	55.0
IV 12000	24.8	46.6	49.5	51.5	54.1	54.5	55.5	55.9	56.2	56.6	56.8	56.8	56.9	56.9	56.9	57.0
IV 10000	25.5	48.3	51.3	53.3	56.0	56.4	57.6	58.0	58.2	58.7	58.9	58.9	59.0	59.0	59.0	59.1
IV 9000	25.7	49.3	52.6	54.7	57.4	57.9	59.1	59.5	59.7	60.3	60.5	60.5	60.6	60.6	60.6	60.8
IV 8000	26.0	50.7	54.2	56.5	59.4	60.1	61.3	61.8	62.1	62.7	63.0	63.0	63.1	63.1	63.1	63.3
IV 7000	26.8	52.7	56.5	58.9	62.1	62.8	64.1	64.6	64.9	65.6	65.9	66.0	66.1	66.1	66.1	66.4
IV 6000	27.2	53.9	57.9	60.4	63.8	64.5	65.8	66.4	66.6	67.4	67.7	67.7	67.9	67.9	68.0	68.3
IV 5000	28.2	56.4	60.6	63.5	67.1	67.8	69.4	70.0	70.2	71.0	71.3	71.4	71.5	71.5	71.6	71.9
IV 4500	28.4	57.4	61.6	64.8	68.5	69.3	70.9	71.5	71.7	72.5	72.9	72.9	73.1	73.1	73.1	73.4
IV 4000	28.9	59.0	63.4	66.7	70.7	71.6	73.4	74.0	74.3	75.1	75.5	75.6	75.8	75.8	75.8	76.1
IV 3500	29.1	59.6	64.2	67.6	71.7	72.5	74.4	75.0	75.3	76.1	76.5	76.6	76.8	76.8	76.8	77.1
IV 3000	29.3	60.7	65.3	68.8	73.0	73.9	75.8	76.4	76.6	77.5	77.9	78.0	78.2	78.2	78.2	78.6
IV 2500	29.4	61.4	66.3	70.0	74.4	75.4	77.5	78.2	78.5	79.3	79.8	79.9	80.1	80.1	80.1	80.5
IV 2000	29.5	62.1	67.4	71.3	75.9	77.0	79.4	80.3	80.6	81.7	82.2	82.3	82.4	82.4	82.5	82.8
IV 1800	29.5	62.3	67.6	71.3	76.3	77.3	79.8	80.8	81.0	82.1	82.6	82.7	82.9	82.9	82.9	83.3
IV 1500	29.5	63.0	68.4	72.5	77.5	78.6	81.3	82.4	82.8	83.9	84.4	84.5	84.7	84.7	84.7	85.1
IV 1200	29.6	63.5	69.2	73.4	78.8	79.9	82.8	84.0	84.4	85.5	86.1	86.2	86.4	86.5	86.5	86.9
IV 1000	29.6	63.5	69.5	73.9	79.5	80.6	83.8	85.2	85.6	86.9	87.4	87.6	87.9	88.0	88.1	88.4
IV 900	29.6	63.8	69.9	74.4	80.1	81.3	84.7	86.2	86.6	88.0	88.6	88.7	89.1	89.2	89.2	89.6
IV 800	29.6	63.9	70.1	74.8	80.5	82.0	85.4	86.9	87.4	88.9	89.6	89.7	90.1	90.1	90.2	90.6
IV 700	29.6	64.0	70.2	75.1	80.9	82.4	85.9	87.5	87.9	89.6	90.3	90.4	90.9	90.9	91.0	91.4
IV 600	29.6	64.1	70.3	75.3	81.3	82.8	86.3	88.2	88.7	90.6	91.3	91.5	92.0	92.0	92.1	92.5
IV 500	29.6	64.1	70.4	75.4	81.5	83.0	86.6	88.7	89.3	91.4	92.2	92.4	92.9	93.0	93.1	93.5
IV 400	29.6	64.2	70.4	75.5	81.7	83.3	87.2	89.4	90.0	92.2	93.1	93.3	93.8	94.0	94.2	94.6
IV 300	29.6	64.2	70.4	75.5	81.8	83.4	87.4	89.7	90.5	92.8	93.8	94.1	94.8	94.9	95.1	95.6
IV 200	29.6	64.2	70.4	75.5	81.8	83.4	87.5	90.0	90.8	93.2	94.3	94.7	95.6	95.8	96.1	96.8
IV 100	29.6	64.2	70.4	75.5	81.8	83.4	87.5	90.1	90.9	93.4	94.8	95.3	96.4	96.6	97.4	98.8
IV 0	29.6	64.2	70.4	75.5	81.8	83.4	87.5	90.1	90.9	93.4	94.8	95.4	96.5	96.7	97.6	100.0

TOTAL NUMBER OF OBSERVATIONS 2406

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13707
STATION

DOVER AFB DELAWARE
STATION NAME

43-46, 51-72
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0	
NO CEILING	22.3	37.8	40.1	41.9	43.1	43.7	44.2	44.8	44.8	44.8	44.9	44.9	44.9	44.9	44.9	44.9
≥ 20000	25.3	43.9	46.4	48.6	50.0	50.7	51.2	51.8	51.9	51.9	51.9	52.0	52.0	52.0	52.0	52.1
≥ 18000	25.3	44.1	46.7	49.0	50.4	51.0	51.6	52.1	52.2	52.2	52.3	52.3	52.3	52.3	52.3	52.4
≥ 16000	25.5	44.8	47.5	49.7	51.1	51.8	52.3	52.9	52.9	52.9	53.0	53.1	53.1	53.1	53.1	53.2
≥ 14000	25.7	45.6	48.6	50.9	52.3	53.0	53.5	54.1	54.1	54.1	54.2	54.3	54.3	54.3	54.3	54.4
≥ 12000	26.2	47.7	50.7	53.1	54.6	55.4	56.0	56.6	56.6	56.6	56.7	56.8	56.8	56.8	56.8	56.9
≥ 10000	27.4	50.1	53.5	56.2	57.9	58.7	59.4	59.9	60.0	60.0	60.1	60.2	60.2	60.2	60.2	60.3
≥ 9000	27.5	51.2	54.8	57.6	59.3	60.1	60.7	61.3	61.4	61.5	61.6	61.7	61.7	61.7	61.7	61.8
≥ 8000	28.4	52.9	56.8	59.7	62.0	63.0	63.7	64.3	64.4	64.6	64.7	64.8	64.8	64.8	64.8	64.9
≥ 7000	29.0	55.2	59.6	62.6	65.1	66.1	66.8	67.5	67.6	67.8	68.0	68.1	68.1	68.1	68.1	68.3
≥ 6000	29.3	56.6	61.1	64.4	67.1	68.3	69.1	69.8	70.0	70.2	70.4	70.5	70.5	70.5	70.5	70.7
≥ 5000	30.2	58.9	63.8	67.3	70.3	71.5	72.4	73.2	73.3	73.6	73.8	73.9	73.9	73.9	73.9	74.1
≥ 4500	30.5	59.6	64.7	68.4	71.4	72.6	73.6	74.5	74.6	74.8	75.0	75.1	75.1	75.1	75.1	75.3
≥ 4000	30.8	61.0	66.1	70.0	73.1	74.3	75.6	76.6	76.7	76.9	77.2	77.3	77.3	77.3	77.3	77.5
≥ 3500	31.3	61.8	67.0	71.0	74.3	75.6	76.8	77.7	77.8	78.1	78.4	78.6	78.6	78.6	78.6	78.7
≥ 3000	31.5	62.9	68.2	72.4	75.9	77.3	78.5	79.4	79.6	79.8	80.2	80.3	80.3	80.3	80.3	80.5
≥ 2500	31.8	63.6	69.1	73.4	77.0	78.4	79.7	80.7	80.8	81.0	81.4	81.5	81.5	81.5	81.5	81.7
≥ 2000	31.9	64.2	69.7	74.1	77.9	79.4	81.0	82.1	82.3	82.6	83.1	83.2	83.3	83.3	83.3	83.4
≥ 1800	31.9	64.4	69.9	74.4	78.3	79.8	81.4	82.5	82.7	83.0	83.5	83.6	83.6	83.6	83.6	83.8
≥ 1500	31.9	64.7	70.3	74.8	78.8	80.4	82.1	83.3	83.5	83.8	84.2	84.3	84.4	84.4	84.4	84.5
≥ 1200	32.0	65.3	70.9	75.6	80.1	81.8	83.5	84.9	85.1	85.5	86.0	86.2	86.3	86.3	86.3	86.5
≥ 1000	32.1	65.6	71.3	76.1	80.9	82.8	84.9	86.3	86.5	87.0	87.7	87.8	88.0	88.0	88.0	88.2
≥ 900	32.1	65.7	71.6	76.5	81.5	83.5	85.7	87.2	87.5	88.1	88.8	88.9	89.1	89.1	89.1	89.3
≥ 800	32.1	65.9	71.8	76.9	82.2	84.3	86.5	88.2	88.5	89.2	89.8	90.0	90.3	90.3	90.4	90.6
≥ 700	32.1	66.1	72.1	77.2	82.8	85.0	87.3	89.0	89.5	90.2	90.9	91.2	91.6	91.6	91.7	91.8
≥ 600	32.1	66.2	72.2	77.3	83.0	85.3	87.9	89.6	90.1	91.1	92.1	92.4	93.0	93.0	93.0	93.2
≥ 500	32.1	66.3	72.2	77.6	83.3	85.7	88.5	90.5	91.3	92.4	93.5	93.8	94.6	94.6	94.7	94.9
≥ 400	32.1	66.3	72.2	77.7	83.5	86.0	88.8	91.1	91.9	92.2	94.3	94.7	95.5	95.5	95.7	95.8
≥ 300	32.1	66.3	72.3	77.7	83.6	86.0	88.9	91.2	92.2	93.6	94.8	95.3	96.2	96.2	96.5	96.8
≥ 200	32.1	66.3	72.3	77.7	83.6	86.0	88.9	91.2	92.2	93.7	95.1	95.7	97.2	97.4	97.8	98.3
≥ 100	32.1	66.3	72.3	77.7	83.6	86.0	88.9	91.2	92.2	93.6	95.3	95.9	97.6	97.8	98.6	99.3
≥ 0	32.1	66.3	72.3	77.7	83.6	86.0	88.9	91.2	92.2	93.8	95.3	95.9	97.6	97.8	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS

2401

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13707
STATION

COVER AFB DELAWARE
STATION NAME

43-46, 51-72
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS, LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .4	≥ .3	≥ .2	≥ .16	≥ .1	≥ 0
NO CEILING	24.5	41.0	42.3	43.4	44.2	44.8	44.9	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
≥ 20000	28.8	47.6	49.1	50.3	51.3	52.0	52.1	52.2	52.2	52.2	52.3	52.3	52.3	52.3	52.3	52.3
≥ 18000	29.0	48.0	49.5	50.7	51.6	52.3	52.5	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 16000	29.1	48.3	49.8	51.0	52.0	52.7	52.8	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
≥ 14000	29.5	50.0	51.6	53.0	53.9	54.6	54.8	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
≥ 12000	30.3	52.1	54.1	55.5	56.6	57.3	57.5	57.6	57.6	57.6	57.7	57.7	57.7	57.7	57.7	57.7
≥ 10000	31.7	55.9	58.2	60.0	61.0	61.8	62.0	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 9000	32.0	57.0	59.5	61.4	62.5	63.2	63.4	63.5	63.5	63.5	63.6	63.6	63.6	63.6	63.6	63.6
≥ 8000	32.3	58.8	61.5	63.6	64.8	65.6	65.8	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 7000	32.7	60.8	63.8	66.1	67.5	68.4	68.6	68.8	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0
≥ 6000	33.1	61.9	65.2	67.8	69.3	70.3	70.5	70.8	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0
≥ 5000	34.0	64.0	67.5	70.2	72.0	72.9	73.2	73.5	73.7	73.7	73.8	73.8	73.8	73.8	73.8	73.8
≥ 4500	34.4	65.0	68.8	71.8	73.8	74.8	75.1	75.4	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 4000	34.9	66.4	70.4	73.6	75.5	76.5	77.1	77.4	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 3500	35.8	67.7	72.0	75.3	77.3	78.3	78.8	79.2	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.4
≥ 3000	36.2	68.9	73.3	76.6	78.7	79.7	80.3	80.7	80.8	80.9	81.0	81.0	81.0	81.0	81.0	81.0
≥ 2500	36.6	70.2	74.7	78.3	80.5	81.6	82.3	82.7	82.8	83.0	83.1	83.1	83.1	83.2	83.2	83.2
≥ 2000	36.8	71.2	75.8	79.5	82.0	83.3	84.1	84.5	84.7	84.8	85.0	85.0	85.1	85.1	85.1	85.1
≥ 1800	36.9	71.4	76.1	79.8	82.3	83.5	84.5	84.9	85.0	85.2	85.4	85.4	85.5	85.5	85.5	85.5
≥ 1500	37.0	71.8	76.5	80.3	83.2	84.5	85.5	86.0	86.1	86.3	86.5	86.5	86.5	86.6	86.6	86.6
≥ 1200	37.1	72.2	77.1	81.0	84.3	85.7	86.8	87.4	87.5	87.9	88.0	88.1	88.1	88.2	88.2	88.2
≥ 1000	37.1	72.7	77.8	81.9	85.3	86.8	88.2	88.9	89.1	89.5	90.0	90.0	90.2	90.3	90.3	90.3
≥ 900	37.1	72.8	78.0	82.1	85.7	87.2	88.6	89.4	89.6	90.1	90.6	90.7	90.8	90.9	91.0	91.0
≥ 800	37.1	73.1	78.5	82.8	86.5	88.1	89.8	90.6	90.8	91.4	92.0	92.1	92.3	92.3	92.4	92.4
≥ 700	37.1	73.2	78.6	83.1	86.9	88.6	90.3	91.2	91.6	92.2	92.9	93.0	93.2	93.3	93.3	93.3
≥ 600	37.1	73.3	78.8	83.3	87.3	89.1	90.8	91.8	92.3	93.0	93.9	94.0	94.3	94.4	94.5	94.5
≥ 500	37.1	73.3	78.8	83.5	87.7	89.5	91.5	92.6	93.2	94.0	95.0	95.4	95.7	95.8	95.8	95.8
≥ 400	37.1	73.4	79.0	83.8	88.0	90.0	92.1	93.5	94.2	95.2	96.3	96.7	97.0	97.1	97.2	97.2
≥ 300	37.1	73.4	79.0	83.8	88.0	90.0	92.3	93.7	94.5	95.5	96.7	97.2	97.5	97.6	97.8	98.0
≥ 200	37.1	73.4	79.0	83.8	88.0	90.1	92.3	93.8	94.6	96.0	97.2	97.8	98.3	98.5	98.8	99.0
≥ 100	37.1	73.4	79.0	83.8	88.0	90.1	92.3	93.8	94.6	96.0	97.2	97.8	98.5	98.8	99.1	99.7
≥ 0	37.1	73.4	79.0	83.8	88.0	90.1	92.3	93.8	94.6	96.0	97.2	97.8	98.5	98.8	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS

2400

USAF ETAC

FORM
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13707
STATION

DRIVER AFB DELAWARE
STATION NAME

43-46, 51-72
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (EST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	24.8	40.9	42.4	43.4	44.2	44.5	44.8	44.8	44.9	44.9	45.0	45.0	45.0	45.0	45.1	45.1
≥ 20000	28.6	47.5	49.3	50.6	51.7	52.2	52.5	52.5	52.6	52.7	52.7	52.7	52.7	52.8	52.8	52.9
IV 18000	28.7	47.7	49.4	50.7	51.9	52.4	52.8	52.8	52.9	52.9	53.0	53.0	53.0	53.0	53.1	53.1
IV 16000	29.0	48.3	50.0	51.3	52.5	53.0	53.4	53.4	53.5	53.5	53.5	53.5	53.5	53.6	53.7	53.7
IV 14000	29.6	50.1	51.9	53.3	54.4	55.0	55.3	55.3	55.4	55.4	55.5	55.5	55.5	55.6	55.6	55.7
IV 12000	30.4	52.6	54.8	56.5	57.7	58.3	58.7	58.7	58.8	58.9	58.9	58.9	59.0	59.0	59.1	59.2
IV 10000	31.7	55.7	58.2	60.3	61.6	62.1	62.5	62.6	62.7	62.8	62.9	62.9	63.0	63.0	63.1	63.1
IV 9000	31.8	56.5	59.1	61.4	62.7	63.2	63.6	63.7	63.8	63.9	63.9	64.0	64.1	64.1	64.1	64.2
IV 8000	32.9	58.8	61.6	64.2	65.7	66.3	66.8	66.9	67.0	67.2	67.2	67.3	67.3	67.4	67.4	67.5
IV 7000	33.0	60.4	63.5	66.4	68.1	68.7	69.2	69.3	69.5	69.7	69.7	69.8	69.8	69.9	69.9	70.0
IV 6000	33.4	61.7	65.2	68.1	69.8	70.4	70.9	71.0	71.2	71.4	71.5	71.6	71.6	71.7	71.7	71.8
IV 5000	33.7	63.8	67.5	70.6	72.4	73.0	73.7	74.0	74.1	74.3	74.4	74.5	74.5	74.6	74.6	74.7
IV 4500	34.2	64.8	68.7	71.8	73.9	74.5	75.3	75.5	75.7	75.9	76.0	76.1	76.1	76.2	76.2	76.3
IV 4000	34.6	66.1	70.3	73.5	75.7	76.4	77.2	77.5	77.7	77.9	77.9	78.0	78.1	78.2	78.2	78.3
IV 3500	35.1	67.8	72.3	75.5	78.0	78.7	79.5	79.8	80.0	80.2	80.2	80.3	80.4	80.4	80.5	80.6
IV 3000	35.7	69.6	74.3	77.6	80.2	80.9	81.7	82.0	82.2	82.4	82.4	82.6	82.6	82.7	82.7	82.8
IV 2500	35.9	70.6	75.5	79.1	81.9	82.6	83.5	83.8	83.9	84.2	84.3	84.4	84.4	84.5	84.6	84.7
IV 2000	36.0	71.3	76.2	80.1	82.9	83.9	84.9	85.4	85.5	85.9	86.0	86.1	86.2	86.3	86.4	86.5
IV 1800	36.1	71.5	76.5	80.4	83.2	84.2	85.2	85.6	85.8	86.2	86.3	86.4	86.5	86.6	86.7	86.8
IV 1500	36.2	72.0	77.2	81.1	84.2	85.1	86.1	86.8	87.0	87.4	87.5	87.7	87.8	87.9	88.0	88.1
IV 1200	36.3	72.3	77.5	81.8	84.9	85.9	87.1	87.9	88.1	88.7	88.9	89.1	89.1	89.2	89.3	89.4
IV 1000	36.3	72.5	77.9	82.3	85.6	86.5	87.8	88.6	89.0	89.7	90.1	90.3	90.4	90.5	90.6	90.7
IV 900	36.4	72.7	78.1	82.7	86.1	87.1	88.4	89.3	89.8	90.5	91.1	91.3	91.3	91.4	91.5	91.6
IV 800	36.4	72.8	78.3	83.0	86.6	87.7	89.2	90.2	90.7	91.7	92.3	92.5	92.7	92.8	92.9	93.0
IV 700	36.4	73.0	78.5	83.4	87.1	88.4	90.0	91.2	91.7	92.9	93.5	93.7	93.9	94.1	94.1	94.2
IV 600	36.4	73.0	78.6	83.6	87.4	88.6	90.3	91.7	92.3	93.6	94.3	94.5	94.9	95.0	95.1	95.2
IV 500	36.4	73.1	78.6	83.7	87.5	88.9	90.7	92.2	92.8	94.3	95.1	95.3	96.1	96.3	96.3	96.4
IV 400	36.4	73.1	78.7	83.7	87.6	89.0	91.0	92.5	93.2	94.9	95.9	96.4	97.0	97.1	97.3	97.4
IV 300	36.4	73.2	78.7	83.8	87.7	89.1	91.2	92.7	93.4	95.3	96.5	96.9	97.6	97.8	98.0	98.2
IV 200	36.4	73.2	78.7	83.8	87.7	89.1	91.3	92.9	93.6	95.5	96.7	97.1	97.9	98.3	98.6	99.0
IV 100	36.4	73.2	78.7	83.8	87.7	89.1	91.3	92.9	93.6	95.5	96.7	97.2	98.1	98.6	99.0	99.7
IV 0	36.4	73.2	78.7	83.8	87.7	89.1	91.3	92.9	93.6	95.5	96.7	97.2	98.1	98.6	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS...

2404

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13707
STATION

DUVER AFB DELAWARE
STATION NAME

43-46,51-72
EPA

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0
NO CEILING	24.7	44.6	46.0	47.5	49.2	49.6	50.1	50.2	50.2	50.3	50.4	50.5	50.6	50.7	50.9	
≥ 20000	27.5	49.9	51.4	53.4	55.2	55.7	56.2	56.4	56.4	56.5	56.6	56.6	56.7	56.9	57.0	
≥ 18000	27.6	50.2	51.7	53.7	55.6	56.0	56.6	56.7	56.7	56.8	56.9	56.9	57.1	57.2	57.4	
≥ 16000	27.8	50.8	52.3	54.3	56.2	56.6	57.2	57.4	57.4	57.4	57.5	57.5	57.6	57.7	57.8	58.0
≥ 14000	28.4	52.1	53.7	55.7	57.6	58.0	58.6	58.8	58.8	58.9	58.9	58.9	59.1	59.2	59.3	59.6
≥ 12000	29.2	54.5	56.2	58.2	60.1	60.6	61.1	61.3	61.3	61.4	61.5	61.5	61.6	61.7	61.9	62.1
≥ 10000	30.1	56.7	58.7	60.9	62.9	63.4	64.1	64.3	64.3	64.4	64.4	64.4	64.6	64.7	64.8	65.1
≥ 9000	30.3	57.9	59.9	62.3	64.3	64.8	65.6	65.7	65.7	65.8	65.9	65.9	66.0	66.1	66.3	66.5
≥ 8000	30.7	59.3	61.7	64.3	66.7	67.3	68.1	68.2	68.2	68.3	68.4	68.4	68.5	68.6	68.8	69.0
≥ 7000	31.2	61.4	63.8	66.8	69.4	70.0	70.8	71.0	71.0	71.1	71.2	71.2	71.3	71.4	71.5	71.8
≥ 6000	31.6	63.1	65.6	68.8	71.6	72.2	73.1	73.3	73.3	73.5	73.5	73.5	73.7	73.8	73.9	74.2
≥ 5000	31.9	65.1	67.9	71.1	74.1	74.8	75.7	75.9	75.9	76.0	76.1	76.1	76.2	76.4	76.5	76.7
≥ 4500	32.2	65.8	68.8	72.1	75.2	75.8	76.7	77.0	77.0	77.1	77.2	77.2	77.3	77.5	77.6	77.8
≥ 4000	32.5	67.6	70.9	74.3	77.6	78.2	79.2	79.6	79.6	79.9	80.0	80.0	80.1	80.2	80.3	80.6
≥ 3500	32.5	68.8	72.1	75.6	79.0	79.6	80.6	81.0	81.0	81.3	81.4	81.4	81.5	81.6	81.7	82.0
≥ 3000	32.8	69.8	73.3	77.0	80.5	81.2	82.2	82.6	82.6	82.9	83.0	83.0	83.1	83.2	83.4	83.6
≥ 2500	32.9	70.6	74.2	77.9	81.7	82.4	83.5	83.9	83.9	84.3	84.4	84.4	84.5	84.7	84.8	85.0
≥ 2000	33.0	71.3	75.0	78.9	82.8	83.7	84.7	85.1	85.1	85.6	85.7	85.7	85.8	85.9	86.1	86.3
≥ 1800	33.1	71.4	75.1	79.1	82.9	83.8	84.9	85.3	85.3	85.8	85.9	85.9	86.0	86.1	86.2	86.5
≥ 1500	33.1	71.8	75.8	80.0	83.8	84.8	86.0	86.4	86.5	87.0	87.1	87.1	87.2	87.4	87.5	87.7
≥ 1200	33.2	72.4	76.5	80.7	84.9	86.0	87.3	87.9	88.1	88.7	88.8	88.8	88.9	89.1	89.2	89.4
≥ 1000	33.2	72.5	76.9	81.1	85.5	86.6	88.0	88.8	88.9	89.6	89.8	89.9	90.0	90.1	90.2	90.5
≥ 900	33.2	72.5	77.0	81.2	85.6	86.7	88.2	89.0	89.2	90.0	90.2	90.2	90.3	90.5	90.6	90.8
≥ 800	33.3	72.6	77.1	81.4	85.9	87.0	88.5	89.3	89.5	90.4	90.8	90.9	91.1	91.2	91.3	91.6
≥ 700	33.4	72.7	77.2	81.7	86.1	87.3	88.9	89.6	89.9	91.1	91.3	91.6	91.8	91.9	92.1	92.3
≥ 600	33.4	72.7	77.3	82.0	86.6	87.8	89.5	90.3	90.6	91.9	92.3	92.4	92.8	93.0	93.1	93.4
≥ 500	33.4	72.8	77.4	82.2	86.9	88.1	89.9	91.0	91.4	93.1	93.8	93.9	94.7	94.8	95.0	95.3
≥ 400	33.4	72.8	77.5	82.2	87.2	88.7	90.6	91.7	92.2	94.1	94.8	95.0	95.9	96.1	96.3	96.5
≥ 300	33.4	72.8	77.5	82.2	87.3	88.8	90.8	91.9	92.4	94.5	95.4	95.5	96.5	96.8	97.0	97.4
≥ 200	33.4	72.8	77.5	82.3	87.3	88.9	90.9	92.1	92.6	94.9	96.0	96.2	97.4	97.7	98.0	98.5
≥ 100	33.4	72.8	77.5	82.3	87.3	88.9	90.9	92.1	92.6	95.0	96.1	96.3	97.7	98.0	98.6	99.3
≥ 0	33.4	72.8	77.5	82.3	87.3	88.9	90.9	92.1	92.6	95.0	96.1	96.3	97.7	98.0	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS

2404

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

13707
STATION

DOVER AFB DELAWARE
STATION NAME

43-46, 51-72
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥8	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	24.0	45.8	47.4	49.0	51.0	51.3	51.6	51.7	51.8	52.1	52.1	52.1	52.3	52.3	52.4	52.6
≥ 20000	25.9	50.1	52.0	53.8	55.9	56.1	56.6	56.7	56.7	57.1	57.1	57.1	57.2	57.2	57.4	57.5
≥ 18000	26.2	50.4	52.3	54.1	56.2	56.4	56.9	56.9	57.0	57.4	57.4	57.4	57.5	57.5	57.7	57.8
≥ 16000	26.6	51.3	53.2	55.0	57.1	57.3	57.8	57.9	57.9	58.3	58.3	58.3	58.5	58.5	58.6	58.7
≥ 14000	27.0	52.3	54.3	56.1	58.2	58.4	58.9	59.0	59.0	59.4	59.4	59.4	59.5	59.5	59.7	59.8
≥ 12000	27.9	54.1	56.1	57.9	60.1	60.3	60.8	60.9	61.0	61.3	61.3	61.3	61.5	61.5	61.6	61.8
≥ 10000	28.8	56.2	58.3	60.4	62.7	63.0	63.5	63.6	63.7	64.1	64.1	64.1	64.2	64.2	64.4	64.5
≥ 9000	29.1	57.0	59.3	61.5	63.9	64.1	64.7	64.8	64.9	65.2	65.2	65.3	65.4	65.4	65.6	65.7
≥ 8000	29.3	59.0	61.3	63.7	66.4	66.7	67.2	67.3	67.4	67.8	67.8	67.8	67.9	67.9	68.1	68.2
≥ 7000	29.7	60.1	62.5	65.3	68.5	68.7	69.3	69.4	69.5	69.8	69.8	69.9	70.0	70.0	70.2	70.3
≥ 6000	30.0	61.8	64.5	67.3	70.8	71.1	71.6	71.7	71.8	72.2	72.2	72.3	72.4	72.4	72.6	72.7
≥ 5000	30.5	63.9	66.8	69.7	73.5	73.8	74.3	74.4	74.5	74.9	74.9	75.0	75.1	75.1	75.3	75.4
≥ 4500	30.9	64.9	67.9	70.9	74.8	75.1	75.7	75.9	76.0	76.4	76.4	76.5	76.6	76.6	76.8	76.9
≥ 4000	31.5	66.4	69.7	72.8	77.1	77.5	78.1	78.2	78.4	78.9	78.9	79.0	79.1	79.1	79.2	79.4
≥ 3500	31.7	67.3	70.8	73.9	78.2	78.7	79.3	79.5	79.6	80.1	80.2	80.2	80.3	80.3	80.5	80.7
≥ 3000	32.0	68.3	72.1	75.6	80.3	81.0	81.6	81.9	82.0	82.5	82.6	82.6	82.7	82.7	82.9	83.1
≥ 2500	32.2	69.0	72.8	76.5	81.3	82.0	82.7	83.0	83.1	83.6	83.7	83.7	83.8	83.8	84.0	84.2
≥ 2000	32.4	70.0	73.9	77.7	82.6	83.4	84.2	84.5	84.6	85.1	85.2	85.2	85.4	85.4	85.5	85.7
≥ 1800	32.5	70.1	74.1	78.0	82.9	83.6	84.4	84.8	84.9	85.4	85.5	85.5	85.6	85.6	85.8	86.0
≥ 1500	32.6	70.8	74.9	78.9	83.9	84.7	85.7	86.2	86.3	86.9	86.9	87.0	87.1	87.1	87.3	87.4
≥ 1200	32.7	71.3	75.5	79.6	84.8	85.6	86.7	87.2	87.5	88.1	88.2	88.2	88.4	88.4	88.5	88.7
≥ 1000	32.7	71.6	75.8	80.0	85.1	86.1	87.2	87.8	88.1	88.9	89.0	89.0	89.2	89.2	89.4	89.5
≥ 900	32.7	71.8	76.2	80.4	85.6	86.6	87.7	88.3	88.6	89.5	89.6	89.7	89.9	89.9	90.0	90.2
≥ 800	32.7	72.0	76.4	80.7	85.9	86.8	88.1	88.6	89.0	89.9	90.0	90.0	90.3	90.3	90.4	90.6
≥ 700	32.7	72.2	76.7	81.2	86.4	87.4	88.8	89.5	89.9	90.8	91.0	91.0	91.4	91.4	91.5	91.7
≥ 600	32.7	72.2	76.8	81.4	87.0	88.0	89.5	90.2	90.6	91.7	91.8	91.9	92.3	92.3	92.4	92.6
≥ 500	32.7	72.3	77.0	81.6	87.5	88.6	90.3	91.1	91.5	92.9	93.1	93.2	93.8	93.9	94.1	94.3
≥ 400	32.7	72.3	77.0	81.6	87.7	88.8	90.6	91.4	92.0	93.3	93.7	93.8	94.5	94.6	94.8	95.0
≥ 300	32.7	72.3	77.1	81.7	87.7	88.9	90.9	91.8	92.3	93.8	94.4	94.6	95.3	95.4	95.6	96.1
≥ 200	32.7	72.3	77.1	81.7	87.7	89.0	91.0	92.0	92.6	94.1	94.9	95.3	96.2	96.4	96.9	97.2
≥ 100	32.7	72.3	77.1	81.7	87.7	89.0	91.0	92.0	92.6	94.4	95.3	95.6	96.9	97.2	98.0	98.7
≥ 0	32.7	72.3	77.1	81.7	87.7	89.0	91.0	92.0	92.6	94.4	95.3	95.6	96.9	97.2	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS

2390

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13707
STATION

DOVER AFB DELAWARE
STATION NAME

43-46,51-72
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥1/8	≥0
NO CEILING	25.1	45.7	48.1	50.0	52.0	53.0	53.3	53.0	53.8	54.0	54.0	54.0	54.0	54.0	54.2	54.7
≥ 20000	25.8	47.4	50.1	52.1	55.1	55.4	55.7	56.1	56.2	56.5	56.5	56.5	56.5	56.5	56.7	57.1
≥ 18000	25.8	47.5	50.2	52.3	55.3	55.5	55.9	56.3	56.4	56.7	56.7	56.7	56.7	56.7	56.9	57.3
≥ 16000	25.8	47.6	50.3	52.3	55.3	55.6	55.9	56.3	56.5	56.7	56.7	56.7	56.7	56.7	56.9	57.4
≥ 14000	26.3	48.4	51.1	53.2	56.2	56.4	56.8	57.2	57.3	57.6	57.6	57.6	57.6	57.6	57.8	58.2
≥ 12000	26.6	49.3	52.1	54.5	57.8	58.1	58.5	58.9	59.0	59.3	59.3	59.3	59.3	59.3	59.5	59.9
≥ 10000	27.5	51.9	54.9	57.4	60.8	61.1	61.7	62.1	62.3	62.5	62.5	62.5	62.5	62.5	62.8	63.2
≥ 9000	27.9	53.1	56.1	58.6	62.0	62.3	62.9	63.4	63.5	63.8	63.8	63.8	63.8	63.8	64.0	64.5
≥ 8000	28.8	55.4	58.5	61.1	64.7	65.0	65.6	66.1	66.2	66.5	66.5	66.5	66.5	66.5	66.7	67.2
≥ 7000	29.5	57.3	60.9	63.8	67.4	67.8	68.5	68.9	69.1	69.4	69.4	69.4	69.4	69.4	69.7	70.1
≥ 6000	30.1	58.9	62.5	65.5	69.3	69.7	70.4	70.8	71.0	71.3	71.3	71.3	71.3	71.3	71.5	72.0
≥ 5000	31.0	61.3	65.1	68.2	72.1	72.5	73.3	73.8	74.0	74.3	74.3	74.3	74.3	74.3	74.6	75.0
≥ 4500	31.0	62.0	66.1	69.3	73.3	73.9	74.6	75.2	75.4	75.7	75.7	75.7	75.7	75.7	76.0	76.4
≥ 4000	31.5	63.5	67.8	71.1	75.5	76.2	77.0	77.7	77.8	78.3	78.3	78.3	78.3	78.3	78.6	79.0
≥ 3500	31.7	64.4	68.8	72.1	76.7	77.3	78.2	78.8	79.0	79.5	79.5	79.5	79.5	79.5	79.8	80.2
≥ 3000	31.9	65.5	70.2	73.5	78.2	78.9	79.9	80.5	80.8	81.4	81.4	81.4	81.4	81.4	81.6	82.1
≥ 2500	31.9	65.8	70.6	74.1	78.9	79.7	80.7	81.4	81.6	82.2	82.2	82.2	82.2	82.2	82.5	82.9
≥ 2000	32.1	66.4	71.3	75.1	80.0	80.8	81.9	82.6	82.9	83.6	83.6	83.6	83.6	83.6	83.8	84.3
≥ 1800	32.1	66.5	71.4	75.4	80.4	81.2	82.3	83.1	83.4	84.0	84.1	84.1	84.1	84.1	84.3	84.7
≥ 1500	32.1	66.8	71.9	76.2	81.5	82.3	83.4	84.3	84.6	85.3	85.3	85.3	85.3	85.3	85.6	86.0
≥ 1200	32.1	67.0	72.1	76.6	82.1	82.9	84.0	85.1	85.4	86.2	86.2	86.2	86.2	86.2	86.4	86.9
≥ 1000	32.2	67.4	72.6	77.4	83.2	84.1	85.3	86.3	86.8	87.5	87.7	87.7	87.7	87.7	87.9	88.4
≥ 900	32.3	67.7	73.1	78.0	83.7	84.6	86.0	87.3	87.6	88.4	88.5	88.5	88.5	88.5	88.7	89.2
≥ 800	32.3	67.8	73.3	78.2	84.0	85.0	86.6	87.9	88.2	89.0	89.4	89.4	89.4	89.4	89.7	90.1
≥ 700	32.3	68.1	73.6	78.6	84.3	85.6	87.2	88.6	89.0	89.8	90.1	90.1	90.1	90.3	90.3	91.0
≥ 600	32.3	68.2	73.8	78.9	84.9	86.1	87.9	89.0	89.9	90.8	91.1	91.1	91.1	91.3	91.5	92.0
≥ 500	32.3	68.2	73.8	79.0	85.2	86.6	88.6	90.6	91.0	92.2	92.7	92.7	92.7	92.8	93.1	93.5
≥ 400	32.3	68.3	73.9	79.2	85.4	87.0	89.1	91.2	91.7	93.0	93.5	93.5	93.7	93.7	94.0	94.4
≥ 300	32.3	68.4	74.1	79.4	85.7	87.4	89.6	91.9	92.5	94.1	94.7	94.7	95.0	95.0	95.3	95.9
≥ 200	32.3	68.4	74.1	79.4	85.8	87.5	89.8	92.4	93.1	94.8	95.7	95.9	96.3	96.3	96.8	97.3
≥ 100	32.3	68.4	74.1	79.4	85.8	87.5	89.8	92.5	93.2	95.1	96.1	96.4	97.2	97.3	98.0	98.9
≥ 0	32.3	68.4	74.1	79.4	85.8	87.5	89.8	92.5	93.2	95.1	96.1	96.4	97.2	97.3	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS

2189

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13707
STATION

DOVER AFB DELAWARE
STATION NAME

43-46,51-72
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS LST

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	24.0	43.4	46.0	47.7	50.5	50.9	51.6	52.1	52.2	52.4	52.4	52.5	52.6	52.6	52.6	53.2
≥ 20000	24.9	46.1	48.7	50.7	53.6	54.1	54.9	55.4	55.6	55.8	55.8	55.9	56.0	56.0	56.1	56.6
≥ 18000	24.9	46.2	48.8	50.8	53.8	54.2	55.0	55.5	55.7	56.0	56.0	56.0	56.1	56.1	56.3	56.7
≥ 16000	25.0	46.5	49.1	51.0	54.0	54.5	55.2	55.7	56.0	56.2	56.2	56.2	56.3	56.4	56.5	56.9
≥ 14000	25.2	47.2	49.9	51.9	54.9	55.4	56.1	56.6	56.9	57.1	57.1	57.1	57.2	57.3	57.4	57.8
≥ 12000	25.4	47.8	50.6	52.9	56.1	56.6	57.4	57.9	58.1	58.3	58.3	58.4	58.5	58.5	58.7	59.1
≥ 10000	26.1	49.8	52.8	55.3	58.5	59.0	60.0	60.5	60.8	61.1	61.1	61.1	61.2	61.3	61.4	61.8
≥ 9000	26.2	50.3	53.4	56.0	59.2	59.8	60.7	61.3	61.6	61.8	61.8	61.9	61.9	62.0	62.1	62.5
≥ 8000	26.8	52.6	55.7	58.4	61.6	62.2	63.2	63.8	64.1	64.3	64.3	64.4	64.5	64.5	64.6	65.1
≥ 7000	27.7	54.7	58.3	61.4	64.8	65.6	66.6	67.2	67.5	67.8	67.8	67.8	67.9	68.0	68.1	68.5
≥ 6000	28.2	56.2	59.9	63.2	66.8	67.6	68.7	69.3	69.7	69.9	69.9	70.0	70.1	70.1	70.3	70.7
≥ 5000	29.1	58.7	62.7	66.3	70.4	71.1	72.4	73.0	73.4	73.7	73.7	73.7	73.8	73.9	74.0	74.4
≥ 4500	29.2	59.7	63.9	67.7	71.9	72.7	74.0	74.6	75.0	75.3	75.3	75.3	75.4	75.5	75.6	76.0
≥ 4000	29.8	61.3	65.6	69.8	74.3	75.2	76.4	77.2	77.5	77.9	77.9	78.0	78.1	78.1	78.3	78.7
≥ 3500	30.2	62.2	66.7	70.9	75.5	76.5	77.7	78.4	78.8	79.2	79.2	79.3	79.4	79.4	79.6	80.0
≥ 3000	30.5	63.4	68.1	72.4	77.4	78.3	79.6	80.4	80.8	81.3	81.3	81.3	81.4	81.5	81.6	82.0
≥ 2500	30.7	64.2	68.9	73.5	78.6	79.6	80.8	81.6	82.0	82.5	82.5	82.5	82.6	82.7	82.9	83.3
≥ 2000	30.8	65.1	70.0	74.6	79.9	81.0	82.3	83.1	83.5	84.0	84.0	84.1	84.1	84.2	84.4	84.8
≥ 1800	30.8	65.1	70.1	74.9	80.3	81.5	82.7	83.6	83.9	84.4	84.5	84.5	84.6	84.7	84.8	85.2
≥ 1500	30.9	65.4	70.5	75.4	81.0	82.1	83.4	84.2	84.6	85.3	85.4	85.5	85.6	85.7	85.8	86.2
≥ 1200	30.9	65.6	70.8	76.0	81.7	82.9	84.2	85.0	85.4	86.1	86.2	86.2	86.3	86.4	86.6	87.0
≥ 1000	30.9	65.9	71.2	76.8	82.9	84.1	85.5	86.3	86.8	87.6	87.7	87.8	87.8	87.9	88.1	88.5
≥ 900	31.0	66.2	71.5	77.2	83.3	84.6	86.0	86.9	87.3	88.2	88.3	88.4	88.4	88.5	88.7	89.1
≥ 800	31.0	66.3	71.7	77.3	83.5	84.9	86.3	87.3	87.8	88.8	88.9	88.9	89.0	89.1	89.3	89.7
≥ 700	31.0	66.5	72.0	77.8	84.0	85.6	87.1	88.3	88.7	89.7	89.9	89.9	90.0	90.1	90.3	90.7
≥ 600	31.0	66.6	72.0	78.1	84.3	85.9	87.6	88.9	89.3	90.4	90.5	90.5	90.7	90.8	91.0	91.4
≥ 500	31.0	66.7	72.3	78.4	84.7	86.3	88.3	89.6	90.1	91.4	91.6	91.6	91.9	92.0	92.1	92.6
≥ 400	31.0	66.7	72.4	78.5	85.0	87.0	89.5	91.0	91.5	92.8	93.0	93.1	93.4	93.5	93.6	94.0
≥ 300	31.0	66.7	72.4	78.6	85.1	87.2	89.9	91.5	92.1	93.6	93.9	94.0	94.3	94.5	94.7	95.3
≥ 200	31.0	66.7	72.4	78.6	85.2	87.3	90.1	91.8	92.5	93.9	94.6	94.7	95.3	95.5	95.8	96.5
≥ 100	31.0	66.7	72.4	78.6	85.2	87.4	90.2	92.0	92.6	94.2	95.0	95.4	96.3	96.7	97.4	98.5
≥ 0	31.0	66.7	72.4	78.6	85.2	87.4	90.2	92.0	92.6	94.2	95.0	95.4	96.4	96.9	97.8	100.0

TOTAL NUMBER OF OBSERVATIONS

2189

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

13707
STATION

DOVER AFB DELAWARE
STATION NAME

43-46,51-72
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥.4	≥0
NO CEILING	20.3	36.8	39.7	42.1	44.1	44.4	43.2	46.0	46.1	46.3	46.5	46.5	46.7	46.8	46.8	47.1
≥ 20000	21.7	40.3	43.4	46.1	48.3	48.6	49.4	50.4	50.5	50.8	51.0	51.0	51.3	51.3	51.3	51.7
≥ 18000	21.7	40.4	43.5	46.2	48.5	48.7	49.6	50.6	50.7	51.0	51.1	51.2	51.4	51.5	51.5	51.8
IV 16000	21.7	40.6	43.8	46.5	48.7	49.0	49.8	50.8	50.9	51.2	51.3	51.4	51.6	51.7	51.7	52.0
IV 14000	21.9	41.5	44.7	47.5	49.8	50.2	51.1	52.1	52.2	52.5	52.7	52.7	52.9	53.0	53.0	53.4
IV 12000	22.4	42.9	46.3	49.3	51.9	52.2	53.3	54.4	54.5	54.8	54.9	55.0	55.2	55.3	55.3	55.6
IV 10000	23.3	45.7	49.3	52.4	55.0	55.5	56.6	57.7	57.9	58.2	58.4	58.5	58.8	58.9	58.9	59.3
IV 9000	23.7	46.7	50.3	53.5	56.5	56.9	58.2	59.3	59.4	59.8	60.0	60.1	60.4	60.5	60.5	60.9
IV 8000	24.5	48.6	52.6	55.9	58.9	59.4	60.8	61.9	62.1	62.4	62.6	62.7	63.0	63.1	63.1	63.6
IV 7000	25.5	51.2	55.6	59.3	62.7	63.2	64.8	66.1	66.3	66.7	66.9	67.1	67.4	67.5	67.5	68.0
IV 6000	26.4	53.0	57.6	61.4	65.2	65.8	67.6	68.8	69.0	69.5	69.8	69.9	70.3	70.4	70.4	70.9
IV 5000	26.9	55.0	59.9	63.9	67.9	68.5	70.5	71.9	72.0	72.5	72.8	73.0	73.3	73.4	73.5	73.9
IV 4500	27.2	56.1	61.2	65.3	69.3	70.0	72.0	73.3	73.5	74.0	74.3	74.5	74.8	74.9	75.0	75.5
IV 4000	27.9	57.8	63.3	67.5	71.9	72.5	74.6	76.0	76.2	76.7	77.1	77.3	77.6	77.7	77.8	78.3
IV 3500	28.2	58.7	64.3	68.5	73.1	73.8	75.8	77.2	77.5	78.1	78.5	78.7	79.0	79.1	79.2	79.6
IV 3000	28.2	59.6	65.4	69.7	74.6	75.2	77.4	78.9	79.2	79.9	80.3	80.5	80.9	81.0	81.0	81.5
IV 2500	28.4	60.3	66.1	70.6	75.8	76.6	78.9	80.5	80.8	81.5	81.9	82.0	82.4	82.5	82.6	83.1
IV 2000	28.6	61.2	67.1	71.9	77.3	78.1	80.5	82.2	82.5	83.3	83.7	83.9	84.3	84.4	84.5	85.1
IV 1800	28.6	61.3	67.3	72.1	77.6	78.3	80.8	82.5	82.8	83.5	84.0	84.1	84.7	84.7	84.9	85.4
IV 1500	28.8	61.7	67.8	72.7	78.4	79.2	81.7	83.5	83.9	84.6	85.1	85.2	85.8	85.9	86.0	86.6
IV 1200	28.9	62.3	68.3	73.3	79.3	80.2	82.8	84.7	85.1	85.9	86.3	86.5	87.1	87.2	87.3	87.8
IV 1000	28.9	62.1	68.6	73.6	79.5	80.6	83.2	85.2	85.7	86.6	87.1	87.3	87.8	87.9	88.0	88.6
IV 900	28.9	62.3	68.7	73.7	79.7	80.8	83.5	85.5	86.0	86.9	87.4	87.6	88.1	88.2	88.4	88.9
IV 800	29.0	62.4	68.9	74.0	79.9	81.0	83.8	85.8	86.4	87.4	87.9	88.1	88.7	88.8	88.9	89.5
IV 700	29.0	62.5	69.1	74.3	80.3	81.4	84.1	86.2	86.8	87.9	88.6	88.8	89.4	89.4	89.6	90.1
IV 600	29.0	62.8	69.4	74.6	80.9	81.9	84.9	87.1	87.7	88.9	89.7	89.9	90.5	90.6	90.8	91.3
IV 500	29.0	62.8	69.4	74.6	81.0	82.1	85.3	87.5	88.2	89.6	90.5	90.7	91.5	91.6	91.8	92.3
IV 400	29.0	62.9	69.5	74.9	81.4	82.6	86.1	88.4	89.1	90.6	91.6	91.9	92.7	92.9	93.1	93.6
IV 300	29.0	63.0	69.7	75.2	81.7	83.0	86.5	89.2	90.0	91.7	92.9	93.2	94.3	94.5	94.8	95.4
IV 200	29.0	63.0	69.7	75.2	81.8	83.1	86.6	89.4	90.4	92.2	93.6	94.0	95.3	95.6	96.1	96.8
IV 100	29.0	63.0	69.7	75.2	81.8	83.1	86.6	89.4	90.4	92.3	93.9	94.4	95.9	96.3	96.9	98.4
IV 0	29.0	63.0	69.7	75.2	81.8	83.1	86.6	89.4	90.4	92.3	94.0	94.4	96.1	96.4	97.2	100.0

TOTAL NUMBER OF OBSERVATIONS

2189

USAF ETAC

FORM
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13707
STATION

DOVER AFB DELAWARE
STATION NAME

43-46,51-72
YEAR

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥0
NO CEILING	22.9	39.5	42.5	44.3	45.5	45.8	46.4	46.8	46.8	47.1	47.2	47.2	47.3	47.3	47.3	47.3
≥ 20000	25.2	44.7	48.3	50.3	51.8	52.2	52.8	53.4	53.4	53.7	53.7	53.8	53.9	53.9	53.9	53.9
≥ 18000	25.3	45.0	48.5	50.6	52.1	52.5	53.1	53.7	53.7	54.0	54.1	54.1	54.2	54.2	54.3	54.3
≥ 16000	25.6	45.7	49.3	51.4	52.9	53.3	53.9	54.5	54.5	54.8	54.8	54.9	55.0	55.0	55.0	55.0
≥ 14000	25.7	46.5	50.2	52.2	53.8	54.2	54.8	55.4	55.4	55.7	55.8	55.8	55.9	55.9	55.9	55.9
≥ 12000	26.4	46.5	52.6	54.9	56.6	57.0	57.6	58.3	58.3	58.6	58.6	58.7	58.8	58.8	58.9	58.9
≥ 10000	27.5	51.2	55.5	58.1	60.0	60.4	61.1	61.7	61.8	62.1	62.2	62.2	62.4	62.4	62.5	62.5
≥ 9000	27.9	52.5	56.9	59.6	61.7	62.1	62.8	63.5	63.6	63.8	64.0	64.0	64.2	64.2	64.3	64.3
≥ 8000	28.5	54.2	58.8	61.6	63.9	64.4	65.1	65.8	65.9	66.2	66.3	66.4	66.5	66.5	66.5	66.6
≥ 7000	29.0	56.1	60.9	63.9	66.6	67.2	68.0	68.8	68.9	69.2	69.3	69.4	69.5	69.6	69.6	69.6
≥ 6000	29.3	57.3	62.2	65.4	68.4	69.0	69.8	70.7	70.8	71.1	71.3	71.3	71.4	71.5	71.5	71.5
≥ 5000	29.9	59.1	64.4	67.7	70.9	71.5	72.3	73.4	73.4	73.7	73.9	73.9	74.1	74.1	74.2	74.2
≥ 4500	30.1	59.6	65.0	68.3	71.8	72.5	73.3	74.3	74.4	74.7	74.8	74.9	75.0	75.1	75.1	75.1
≥ 4000	30.9	61.2	67.0	70.5	74.0	74.8	75.7	77.1	77.1	77.4	77.6	77.7	77.8	77.9	77.9	77.9
≥ 3500	31.0	62.0	67.9	71.4	75.1	75.8	76.7	78.1	78.2	78.5	78.6	78.7	78.9	78.9	79.0	79.0
≥ 3000	31.5	63.6	69.6	73.2	77.0	77.7	78.7	80.2	80.3	80.5	80.7	80.8	81.0	81.0	81.1	81.1
≥ 2500	31.8	64.2	70.5	74.1	78.2	79.0	80.0	81.5	81.6	81.9	82.1	82.2	82.4	82.4	82.5	82.5
≥ 2000	31.9	64.6	70.9	74.8	79.1	80.0	81.1	82.8	82.9	83.3	83.5	83.6	83.8	83.9	83.9	83.9
≥ 1800	31.9	64.3	71.1	75.0	79.3	80.3	81.4	83.2	83.3	83.7	84.0	84.0	84.2	84.3	84.3	84.3
≥ 1500	32.2	65.4	71.8	75.7	80.2	81.3	82.5	84.3	84.5	84.9	85.2	85.3	85.5	85.6	85.6	85.6
≥ 1200	32.3	65.8	72.2	76.2	80.9	81.9	83.2	85.1	85.3	85.8	86.2	86.2	86.4	86.5	86.5	86.5
≥ 1000	32.3	66.1	72.5	76.6	81.3	82.6	84.2	86.3	86.5	87.0	87.5	87.6	87.8	87.8	87.9	87.9
≥ 900	32.4	66.2	72.8	76.9	81.6	82.9	84.5	86.7	87.0	87.5	88.1	88.2	88.3	88.4	88.5	88.5
≥ 800	32.4	66.2	72.8	77.1	81.9	83.3	85.0	87.2	87.6	88.1	88.8	88.9	89.1	89.2	89.2	89.2
≥ 700	32.4	66.4	72.9	77.2	82.2	83.7	85.5	87.8	88.1	88.8	89.5	89.7	89.9	90.0	90.1	90.1
≥ 600	32.4	66.5	73.1	77.7	83.0	84.5	86.4	88.8	89.2	89.9	90.7	91.0	91.3	91.5	91.6	91.6
≥ 500	32.4	66.5	73.2	77.9	83.5	85.1	87.2	90.1	90.5	91.2	92.2	92.5	92.9	93.3	93.3	93.3
≥ 400	32.4	66.6	73.3	78.0	83.6	85.3	87.7	90.7	91.3	92.1	93.4	93.7	94.5	95.0	95.1	95.1
≥ 300	32.4	66.6	73.4	78.1	83.7	85.5	88.1	91.2	92.0	93.1	94.4	94.8	95.8	96.3	96.5	96.6
≥ 200	32.4	66.6	73.4	78.1	83.7	85.5	88.1	91.5	92.3	93.6	95.1	95.7	96.7	97.3	97.5	97.7
≥ 100	32.4	66.6	73.4	78.1	83.7	85.5	88.1	91.5	92.4	93.7	95.3	95.9	97.3	98.2	98.6	99.4
≥ 0	32.4	66.6	73.4	78.1	83.7	85.5	88.1	91.5	92.4	93.7	95.3	95.9	97.3	98.2	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 2188

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13707
STATION

DOVER AFB DELAWARE
STATION NAME

43-46, 51-72
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	25.0	40.8	42.9	44.2	44.9	45.0	45.3	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
≥ 20000	29.8	48.3	50.8	52.4	53.2	53.4	53.6	53.8	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9
≥ 18000	30.1	49.0	51.4	53.1	53.9	54.1	54.3	54.5	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.6
≥ 16000	30.6	49.7	52.2	53.8	54.6	54.8	55.1	55.3	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 14000	31.1	50.9	53.5	55.1	56.0	56.2	56.4	56.6	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 12000	31.9	52.9	55.7	57.5	58.5	58.7	59.0	59.2	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3
≥ 10000	33.1	55.0	58.3	60.3	61.4	61.7	62.1	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 9000	33.4	55.8	59.1	61.4	62.6	62.9	63.2	63.5	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 8000	34.1	57.8	61.3	63.7	65.0	65.3	65.7	65.9	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 7000	34.5	59.2	63.1	65.8	67.2	67.6	68.0	68.3	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 6000	34.7	60.0	64.0	66.8	68.2	68.6	69.0	69.3	69.3	69.4	69.4	69.4	69.4	69.5	69.5	69.5
≥ 5000	35.1	61.8	66.2	69.1	70.7	71.1	71.5	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 4500	35.3	62.2	66.6	69.6	71.3	71.7	72.1	72.4	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 4000	36.7	64.9	69.6	72.8	74.8	75.2	75.7	76.2	76.2	76.3	76.3	76.3	76.4	76.4	76.4	76.4
≥ 3500	37.4	66.3	71.1	74.6	76.7	77.2	77.8	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 3000	38.4	68.3	73.3	77.1	79.3	79.8	80.4	80.9	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 2500	38.9	69.5	74.6	78.5	80.9	81.5	82.1	82.7	82.7	82.9	83.0	83.0	83.0	83.0	83.0	83.0
≥ 2000	38.9	70.1	75.5	79.5	81.9	82.5	83.2	83.8	83.8	84.0	84.1	84.1	84.1	84.2	84.2	84.2
≥ 1800	38.9	70.2	75.6	79.6	82.2	82.8	83.5	84.1	84.1	84.4	84.4	84.5	84.5	84.5	84.5	84.5
≥ 1500	38.9	71.1	76.7	81.2	84.0	84.6	85.4	86.0	86.2	86.5	86.6	86.6	86.7	86.7	86.7	86.7
≥ 1200	38.9	71.3	77.1	81.8	84.9	85.6	86.7	87.4	87.5	87.9	88.0	88.0	88.1	88.1	88.1	88.1
≥ 1000	38.9	71.4	77.3	82.3	85.7	86.5	87.7	88.4	88.6	89.1	89.2	89.2	89.4	89.4	89.4	89.4
≥ 900	39.0	71.4	77.5	82.7	86.0	87.0	88.2	89.0	89.3	89.7	89.9	90.0	90.1	90.1	90.1	90.1
≥ 800	39.0	71.4	77.6	82.9	86.4	87.5	88.8	89.7	90.1	90.6	90.7	90.8	91.0	91.0	91.0	91.0
≥ 700	39.0	71.5	77.8	83.2	86.9	88.0	89.3	90.3	90.7	91.2	91.3	91.4	91.6	91.6	91.6	91.6
≥ 600	39.0	71.6	77.9	83.6	87.5	88.7	90.3	91.6	92.1	92.7	92.8	93.0	93.4	93.4	93.4	93.4
≥ 500	39.0	71.7	78.2	84.1	88.2	89.5	91.4	92.9	93.4	94.3	94.6	94.8	95.4	95.4	95.4	95.4
≥ 400	39.0	71.7	78.2	84.2	88.3	89.7	91.7	93.5	94.0	95.1	95.6	95.7	96.4	96.5	96.5	96.5
≥ 300	39.0	71.7	78.2	84.2	88.4	89.7	91.9	94.1	94.9	96.3	97.2	97.5	98.4	98.7	98.8	98.9
≥ 200	39.0	71.7	78.2	84.2	88.4	89.7	91.9	94.1	94.9	96.3	97.3	97.8	98.8	99.2	99.5	99.7
≥ 100	39.0	71.7	78.2	84.2	88.4	89.7	91.9	94.1	94.9	96.3	97.3	97.8	98.8	99.2	99.5	99.7
≥ 0	39.0	71.7	78.2	84.2	88.4	89.7	91.9	94.1	94.9	96.3	97.3	97.8	98.8	99.2	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS

2185

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13707

DOVER AFB DELAWARE

43-46, 51-72

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	26.8	42.8	44.8	45.9	46.2	46.3	46.4	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 20000	29.8	49.5	52.2	53.6	54.2	54.3	54.3	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
≥ 18000	30.1	50.0	52.7	54.1	54.6	54.6	54.8	55.0	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
≥ 16000	30.4	50.5	53.2	54.6	55.3	55.4	55.5	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
≥ 14000	31.4	52.3	55.3	56.8	57.5	57.6	57.7	57.9	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 12000	32.2	54.5	57.8	59.5	60.2	60.4	60.5	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 10000	33.3	57.1	60.5	62.4	63.3	63.4	63.5	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 9000	33.9	58.2	61.8	63.8	64.7	64.9	65.0	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 8000	34.7	60.1	63.8	66.0	67.1	67.2	67.3	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 7000	35.2	62.4	66.3	68.7	69.9	70.1	70.1	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.5
≥ 6000	35.6	63.5	67.7	70.2	71.5	71.7	71.7	72.0	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 5000	36.1	65.2	69.5	72.6	74.0	74.2	74.4	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 4500	36.6	66.1	70.5	73.7	75.3	75.5	75.7	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 4300	37.4	68.0	72.6	76.0	77.7	78.0	78.2	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 3500	37.9	69.3	74.0	77.3	79.1	79.3	79.7	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.2
≥ 3000	38.3	70.7	75.8	79.4	81.3	81.7	81.9	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.4
≥ 2500	38.6	71.4	76.7	80.3	82.4	82.8	83.0	83.3	83.5	83.7	83.8	83.8	83.8	83.8	83.8	83.9
≥ 2000	38.7	71.6	77.1	80.9	83.3	83.8	84.1	84.5	84.8	85.2	85.3	85.3	85.3	85.3	85.3	85.4
≥ 1800	38.7	71.8	77.4	81.2	83.7	84.1	84.4	84.9	85.2	85.6	85.6	85.7	85.7	85.7	85.7	85.7
≥ 1500	38.7	72.1	77.8	81.7	84.4	85.1	85.6	86.1	86.5	86.9	87.0	87.0	87.0	87.0	87.0	87.1
≥ 1200	38.7	72.4	78.3	82.5	85.4	86.1	86.8	87.4	87.7	88.2	88.3	88.4	88.4	88.4	88.4	88.5
≥ 1000	38.7	72.7	78.5	83.1	86.2	87.0	87.9	88.5	88.8	89.4	89.5	89.6	89.7	89.7	89.7	89.8
≥ 900	38.7	72.7	78.6	83.3	86.4	87.2	88.3	88.9	89.3	89.9	90.1	90.3	90.3	90.3	90.3	90.4
≥ 800	38.7	72.7	78.7	83.4	86.7	87.9	88.8	89.6	90.1	90.7	90.9	91.1	91.1	91.2	91.2	91.2
≥ 700	38.7	72.8	78.9	83.8	87.1	88.2	89.2	90.0	90.6	91.2	91.6	91.7	91.9	91.9	91.9	91.9
≥ 600	38.7	72.9	79.1	84.0	87.6	88.8	89.9	90.8	91.4	92.1	92.5	92.8	93.0	93.0	93.1	93.1
≥ 500	38.7	72.9	79.2	84.3	88.2	89.7	91.1	92.0	92.9	94.1	94.6	94.9	95.2	95.3	95.4	95.4
≥ 400	38.7	72.9	79.2	84.5	88.3	89.3	91.4	92.5	93.4	94.6	95.4	95.7	96.2	96.2	96.3	96.4
≥ 300	38.7	73.0	79.3	84.6	88.4	89.8	91.6	93.0	94.1	95.6	96.5	97.0	97.6	97.7	97.8	97.9
≥ 200	38.7	73.0	79.3	84.6	88.5	89.9	91.7	93.2	94.3	96.0	96.9	97.5	98.2	98.4	98.7	98.8
≥ 100	38.7	73.0	79.3	84.6	88.5	89.9	91.7	93.3	94.5	96.1	97.1	97.7	98.5	98.9	99.2	99.4
≥ 0	38.7	73.0	79.3	84.6	88.5	89.9	91.7	93.3	94.5	96.1	97.2	97.3	98.6	99.0	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS

2166

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13707
STATION

DOVER AFB DELAWARE
STATION NAME

43-46,51-72
ELEVATION

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (EST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥9	≥8	≥7	≥6	≥5	≥4	≥3	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0
NO CEILING	25.0	45.2	48.1	50.2	51.7	51.8	51.8	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥ 20000	26.7	49.5	52.7	55.3	56.9	57.0	57.1	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.4
≥ 18000	27.0	49.7	53.0	55.5	57.2	57.3	57.3	57.4	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6
≥ 16000	27.0	50.0	53.4	55.9	57.6	57.7	57.9	57.9	58.1	58.1	58.1	58.1	58.1	58.1	58.2	58.2
≥ 14000	27.5	51.1	54.5	57.1	59.0	59.1	59.3	59.4	59.5	59.5	59.5	59.5	59.5	59.5	59.6	59.6
≥ 12000	27.8	52.5	56.1	58.8	61.1	61.2	61.4	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.7	61.7
≥ 10000	28.3	54.3	58.3	61.3	63.8	63.8	64.1	64.1	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 8000	28.8	55.0	59.2	62.2	64.8	64.9	65.1	65.1	65.3	65.3	65.3	65.3	65.3	65.3	65.4	65.4
≥ 7000	29.5	57.2	61.6	64.8	67.4	67.6	67.8	67.9	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 6000	29.6	59.1	64.1	67.3	70.0	70.3	70.5	70.6	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.9
≥ 5000	30.2	60.9	65.9	69.2	72.1	72.3	72.6	72.6	72.8	72.8	72.8	72.9	72.9	72.9	72.9	73.0
≥ 4500	31.0	63.4	68.5	71.9	73.1	75.3	75.7	75.7	75.8	75.9	75.9	75.9	75.9	75.9	76.0	76.0
≥ 4000	31.3	64.2	69.4	72.9	75.0	76.3	76.6	76.7	76.8	76.9	76.9	76.9	76.9	76.9	77.0	77.0
≥ 3500	31.5	65.5	71.1	74.6	77.8	78.1	78.4	78.5	78.6	78.7	78.8	78.8	78.8	78.8	78.9	78.9
≥ 3000	32.0	66.5	72.2	75.8	79.1	79.4	79.7	79.8	80.0	80.0	80.1	80.1	80.1	80.1	80.2	80.2
≥ 2500	32.3	67.6	73.7	77.6	81.0	81.3	81.7	81.9	82.1	82.1	82.2	82.2	82.2	82.2	82.3	82.3
≥ 2000	32.3	68.0	74.1	78.2	82.1	82.4	82.7	82.9	83.3	83.4	83.5	83.5	83.5	83.5	83.6	83.6
≥ 1800	32.4	68.6	74.8	79.1	83.1	83.5	83.9	84.2	84.5	84.8	84.9	84.9	84.9	85.0	85.0	85.0
≥ 1500	32.4	68.7	75.0	79.3	83.3	83.8	84.2	84.4	84.8	85.1	85.2	85.3	85.3	85.3	85.4	85.4
≥ 1200	32.4	69.0	75.4	79.9	84.0	84.6	85.3	85.6	86.0	86.3	86.5	86.5	86.5	86.5	86.6	86.7
≥ 1000	32.4	69.2	75.7	80.7	85.1	85.7	86.3	86.9	87.4	87.7	87.9	87.9	87.9	88.0	88.0	88.1
≥ 900	32.4	69.6	76.1	81.4	86.0	86.6	87.6	88.1	88.7	89.2	89.4	89.4	89.5	89.5	89.6	89.6
≥ 800	32.4	69.6	76.2	81.5	86.1	86.8	87.9	88.5	89.1	89.7	89.9	90.0	90.0	90.1	90.1	90.2
≥ 700	32.4	69.7	76.3	81.8	86.4	87.2	88.4	89.0	89.7	90.3	90.6	90.7	90.8	90.8	90.8	90.9
≥ 600	32.4	69.7	76.4	82.2	87.0	88.1	89.5	90.4	91.3	92.3	92.6	92.6	92.6	92.6	92.6	92.6
≥ 500	32.4	69.8	76.6	82.5	87.5	88.6	90.2	91.3	92.2	93.5	94.1	94.3	94.5	94.7	94.8	94.8
≥ 400	32.4	69.9	76.7	82.6	87.6	88.7	90.4	91.7	92.6	94.1	94.8	95.1	95.5	95.7	95.7	95.8
≥ 300	32.4	69.9	76.7	82.6	87.7	89.0	90.9	92.4	93.5	95.4	96.3	96.6	97.1	97.3	97.3	97.4
≥ 200	32.4	69.9	76.7	82.6	87.8	89.0	91.0	92.5	93.7	95.7	96.9	97.3	97.9	98.3	98.4	98.5
≥ 100	32.4	69.9	76.7	82.6	87.8	89.0	91.0	92.6	93.8	95.8	97.2	97.8	98.5	98.9	99.2	99.4
≥ 0	32.4	69.9	76.7	82.6	87.8	89.0	91.0	92.6	93.8	95.8	97.2	97.8	98.5	99.0	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 2185

3

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13707 DOWR AFB DELAWARE

43-46, 51-72

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS LST

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥0.9	≥0.8	≥0.7	≥0.6	≥0.5	≥0
NO CEILING	23.1	45.0	48.7	50.9	52.4	52.6	52.9	52.9	52.9	53.0	53.1	53.1	53.1	53.2	53.2	53.4
≥ 20000	24.0	48.7	52.5	54.9	56.6	56.8	57.2	57.3	57.3	57.5	57.6	57.6	57.6	57.7	57.7	57.9
≥ 18000	24.7	48.9	52.7	55.1	56.8	57.0	57.4	57.5	57.5	57.7	57.8	57.8	57.8	57.9	58.1	58.1
≥ 16000	24.7	47.9	52.7	55.1	56.8	57.0	57.4	57.5	57.5	57.7	57.8	57.8	57.8	57.9	58.1	58.1
≥ 14000	25.2	49.9	53.8	56.2	58.1	58.2	58.7	58.7	58.7	58.9	59.0	59.0	59.0	59.1	59.3	59.3
≥ 12000	25.6	51.5	55.6	58.1	60.4	60.6	61.0	61.1	61.1	61.3	61.4	61.4	61.4	61.4	61.7	61.7
≥ 10000	26.2	53.3	57.8	60.3	62.8	63.0	63.5	63.5	63.6	63.8	63.9	63.9	63.9	64.0	64.2	64.2
≥ 9000	26.3	54.2	58.7	61.3	63.8	64.0	64.6	64.6	64.6	64.8	64.9	64.9	65.0	65.0	65.1	65.3
≥ 8000	27.4	56.6	61.3	64.0	66.6	66.7	67.3	67.4	67.4	67.6	67.7	67.7	67.7	67.7	67.8	68.0
≥ 7000	28.0	58.8	64.1	67.1	69.8	70.0	70.6	70.7	70.7	70.9	71.0	71.0	71.1	71.2	71.2	71.5
≥ 6000	28.5	60.5	66.0	69.1	71.8	72.0	72.6	72.7	72.7	72.9	73.0	73.0	73.1	73.2	73.2	73.5
≥ 5000	29.1	62.3	68.1	71.4	74.3	74.5	75.1	75.2	75.2	75.4	75.5	75.5	75.6	75.7	75.7	76.0
≥ 4500	29.2	63.1	69.0	72.5	75.4	75.6	76.2	76.3	76.3	76.5	76.6	76.7	76.7	76.8	76.8	77.1
≥ 4000	29.7	64.5	70.6	74.2	77.3	77.5	78.2	78.3	78.3	78.7	78.8	78.8	78.8	78.9	79.0	79.3
≥ 3500	30.0	65.1	71.4	75.1	78.4	78.6	79.3	79.4	79.4	79.8	79.9	79.9	79.9	80.0	80.1	80.4
≥ 3000	30.2	66.1	72.6	76.5	79.9	80.2	81.0	81.1	81.1	81.4	81.5	81.6	81.6	81.7	81.8	82.0
≥ 2500	30.3	66.7	73.2	77.2	80.6	81.0	81.9	82.0	82.1	82.4	82.5	82.6	82.6	82.7	82.8	83.1
≥ 2000	30.3	67.2	74.1	78.4	82.3	82.5	83.4	83.6	83.7	84.1	84.2	84.3	84.3	84.4	84.5	84.7
≥ 1800	30.3	67.7	74.6	78.9	82.9	83.1	84.1	84.3	84.4	84.7	85.0	85.0	85.1	85.2	85.2	85.5
≥ 1500	30.3	68.0	75.0	79.4	83.6	84.0	85.2	85.4	85.5	85.9	86.2	86.2	86.3	86.4	86.4	86.7
≥ 1200	30.6	68.3	75.3	79.9	84.3	84.7	85.8	86.1	86.2	86.6	86.8	86.9	87.0	87.1	87.1	87.4
≥ 1000	30.6	68.6	75.7	80.5	85.5	86.0	87.3	87.7	87.8	88.4	88.6	88.7	88.8	88.9	88.9	89.2
≥ 900	30.6	68.7	75.8	80.6	85.7	86.2	87.6	88.0	88.1	88.8	89.1	89.2	89.3	89.4	89.4	89.7
≥ 800	30.6	68.9	76.1	81.0	86.2	86.8	88.5	89.0	89.1	89.9	90.3	90.4	90.5	90.5	90.6	90.9
≥ 700	30.6	68.9	76.3	81.3	86.7	87.3	89.1	89.8	89.9	90.7	91.2	91.3	91.4	91.5	91.5	91.8
≥ 600	30.6	69.2	76.7	81.7	87.3	88.0	89.8	90.7	91.0	91.7	92.3	92.4	92.5	92.6	92.6	92.9
≥ 500	30.6	69.3	76.7	82.0	87.8	88.7	90.6	91.6	91.9	93.0	93.7	93.8	94.0	94.1	94.1	94.4
≥ 400	30.6	69.3	76.7	82.2	88.0	89.1	91.1	92.4	92.7	94.2	94.9	95.1	95.3	95.4	95.5	95.8
≥ 300	30.6	69.3	76.8	82.3	88.1	89.3	91.5	93.0	93.3	94.9	95.9	96.1	96.4	96.5	96.6	96.8
≥ 200	30.6	69.3	76.8	82.3	88.1	89.3	91.6	93.4	93.8	95.2	96.8	97.0	97.4	97.6	97.7	98.0
≥ 100	30.6	69.3	76.8	82.3	88.1	89.3	91.6	93.4	93.8	95.2	97.1	97.3	97.8	98.0	98.3	98.7
≥ 0	30.6	69.3	76.8	82.3	88.1	89.3	91.6	93.4	93.8	95.8	97.1	97.4	97.9	98.4	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS

2189

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE MAC

CEILING VERSUS VISIBILITY

13707
STATION

DOVER AFB DELAWARE
STATION NAME

43-46, 51-72
YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/8	≥1/16	≥0
NO CEILING	27.4	47.4	49.4	51.6	53.4	53.6	53.7	53.8	53.9	54.1	54.1	54.2	54.3	54.3	54.4	54.4
≥20000	29.1	50.9	53.0	55.4	57.2	57.4	57.6	57.7	57.8	58.0	58.0	58.1	58.2	58.2	58.3	58.3
≥18000	29.2	51.2	53.3	55.7	57.5	57.7	57.9	58.0	58.1	58.3	58.3	58.4	58.5	58.5	58.6	58.6
≥16000	29.2	51.4	53.4	55.8	57.7	57.8	58.0	58.1	58.2	58.5	58.5	58.5	58.6	58.7	58.7	58.8
≥14000	29.5	52.1	54.2	56.6	58.5	58.7	58.9	59.0	59.1	59.3	59.3	59.4	59.5	59.5	59.6	59.7
≥12000	29.9	53.1	55.3	57.8	60.0	60.1	60.3	60.4	60.5	60.7	60.7	60.8	60.9	60.9	61.0	61.1
≥10000	30.5	54.7	57.0	59.7	62.0	62.2	62.4	62.5	62.6	62.8	62.8	62.9	63.0	63.0	63.1	63.1
≥9000	30.8	55.6	58.1	60.9	63.2	63.4	63.6	63.7	63.8	64.0	64.0	64.1	64.2	64.2	64.3	64.4
≥8000	32.0	58.3	60.9	63.7	66.3	66.4	66.7	66.8	66.9	67.1	67.1	67.2	67.3	67.3	67.4	67.5
≥7000	33.1	60.6	63.6	66.6	69.6	69.8	70.0	70.1	70.3	70.5	70.5	70.6	70.7	70.7	70.8	70.8
≥6000	33.8	62.1	65.1	68.2	71.4	71.7	72.0	72.1	72.2	72.5	72.5	72.5	72.6	72.7	72.7	72.8
≥5000	34.4	64.3	67.5	70.7	74.0	74.3	74.7	74.8	74.9	75.3	75.3	75.4	75.4	75.5	75.6	75.6
≥4500	34.4	64.6	68.1	71.3	74.6	74.9	75.4	75.5	75.6	76.0	76.0	76.1	76.2	76.2	76.3	76.3
≥4000	34.6	66.1	69.7	73.0	76.5	76.8	77.2	77.4	77.5	77.9	77.9	77.9	78.0	78.1	78.1	78.2
≥3500	35.2	67.4	71.2	74.6	78.1	78.4	79.0	79.1	79.2	79.6	79.6	79.7	79.8	79.8	79.9	79.9
≥3000	35.4	68.3	72.2	75.8	79.4	79.7	80.3	80.4	80.6	80.9	80.9	81.0	81.1	81.1	81.2	81.3
≥2500	35.6	69.3	73.3	77.1	80.8	81.2	81.8	81.9	82.0	82.4	82.4	82.5	82.6	82.6	82.7	82.7
≥2000	35.6	69.8	73.9	77.7	81.6	82.1	82.7	82.9	83.0	83.4	83.4	83.5	83.6	83.6	83.7	83.8
≥1800	35.7	69.9	74.0	77.9	81.9	82.4	83.0	83.2	83.3	83.7	83.7	83.8	83.9	83.9	84.0	84.0
≥1500	35.7	70.0	74.2	78.1	82.2	82.7	83.4	83.7	83.9	84.3	84.3	84.3	84.5	84.5	84.6	84.6
≥1200	35.7	70.5	74.7	78.7	83.3	83.6	84.3	84.7	84.9	85.3	85.3	85.4	85.5	85.6	85.7	85.7
≥1000	35.7	70.7	75.1	79.4	84.0	84.6	85.5	85.9	86.1	86.7	86.9	87.0	87.1	87.1	87.2	87.2
≥900	35.7	70.9	75.4	79.7	84.3	84.9	85.9	86.3	86.5	87.2	87.3	87.4	87.5	87.6	87.7	87.7
≥800	35.8	71.1	75.9	80.4	85.1	85.7	86.8	87.2	87.6	88.2	88.5	88.5	88.7	88.7	88.8	88.9
≥700	35.8	71.4	76.3	80.8	85.7	86.4	87.7	88.3	88.6	89.3	89.9	90.0	90.2	90.2	90.3	90.4
≥600	35.8	71.7	76.8	81.7	86.8	87.5	88.9	89.7	90.1	90.9	91.4	91.6	91.7	91.8	91.9	91.9
≥500	35.8	71.9	77.1	82.3	87.8	88.7	90.4	91.3	91.7	92.6	93.2	93.4	93.6	93.7	93.8	93.8
≥400	35.8	72.0	77.4	82.7	88.3	89.3	91.1	92.1	92.6	93.5	94.3	94.7	94.9	95.0	95.1	95.1
≥300	35.8	72.0	77.4	82.8	88.4	89.4	91.4	92.7	93.2	94.2	95.4	95.9	96.2	96.3	96.3	96.4
≥200	35.8	72.0	77.4	82.8	88.4	89.5	91.6	93.0	93.5	94.6	96.0	96.5	97.0	97.1	97.2	97.2
≥100	35.8	72.0	77.4	82.8	88.4	89.5	91.6	93.1	93.7	94.8	96.3	97.1	97.9	98.0	98.7	99.1
≥0	35.8	72.0	77.4	82.8	88.4	89.5	91.6	93.1	93.7	94.8	96.3	97.1	97.9	98.1	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 2407

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13707 DOVER AFB DELAWARE

43-46,51-72

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥4	≥3	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0.005	≥0.0025	≥0.001
NO CEILING	25.3	46.1	48.0	50.4	51.9	52.1	52.6	52.9	53.1	53.1	53.3	53.3	53.4	53.4	53.5	53.5
≥ 20000	26.8	48.4	50.4	53.1	54.6	54.8	55.2	55.6	55.9	55.9	56.0	56.1	56.2	56.3	56.4	56.4
≥ 18000	26.8	48.7	50.6	53.3	54.8	55.0	55.4	55.8	56.1	56.1	56.2	56.3	56.5	56.5	56.6	56.6
≥ 16000	26.9	48.9	50.9	53.6	55.1	55.3	55.7	56.1	56.4	56.4	56.5	56.6	56.7	56.8	56.9	56.9
≥ 14000	27.1	49.6	51.7	54.5	56.1	56.2	56.7	57.1	57.4	57.4	57.5	57.6	57.7	57.8	57.9	57.9
≥ 12000	27.6	50.5	52.7	55.6	57.4	57.5	58.0	58.4	58.7	58.7	58.9	58.9	59.1	59.1	59.2	59.2
≥ 10000	28.1	51.8	54.1	57.3	59.5	59.7	60.1	60.6	60.8	60.9	61.0	61.1	61.2	61.2	61.3	61.4
≥ 9000	28.4	52.6	55.0	58.3	60.5	60.6	61.1	61.6	61.8	61.9	62.0	62.1	62.2	62.2	62.3	62.3
≥ 8000	29.6	54.9	57.4	60.6	63.0	63.2	63.6	64.1	64.3	64.4	64.5	64.6	64.7	64.8	64.8	64.9
≥ 7000	30.3	57.2	59.9	63.4	66.1	66.4	67.0	67.5	67.7	67.7	67.9	68.0	68.1	68.1	68.2	68.2
≥ 6000	31.0	59.4	62.2	65.9	68.7	69.0	69.7	70.1	70.4	70.4	70.5	70.6	70.7	70.8	70.9	70.9
≥ 5000	31.6	61.5	64.6	68.7	71.8	72.0	72.8	73.3	73.5	73.6	73.8	73.8	74.0	74.0	74.1	74.1
≥ 4500	31.7	62.3	65.5	69.8	72.9	73.2	74.0	74.5	74.7	74.8	75.0	75.1	75.2	75.2	75.3	75.3
≥ 4000	31.8	63.1	66.7	71.2	74.5	74.7	75.5	76.0	76.3	76.4	76.5	76.6	76.7	76.8	76.8	76.9
≥ 3500	32.3	64.0	67.7	72.3	75.6	75.9	76.8	77.3	77.6	77.7	77.8	77.9	78.0	78.1	78.2	78.2
≥ 3000	32.3	65.0	68.9	73.4	77.1	77.5	78.5	79.1	79.3	79.5	79.6	79.7	79.8	79.9	80.0	80.0
≥ 2500	32.6	66.0	69.9	74.5	78.7	79.1	80.3	80.9	81.2	81.4	81.5	81.6	81.7	81.8	81.9	81.9
≥ 2000	32.7	67.0	71.1	76.4	80.2	80.7	81.9	82.6	82.9	83.1	83.3	83.4	83.6	83.7	83.7	83.7
≥ 1800	32.7	67.1	71.3	76.6	80.5	81.0	82.2	82.9	83.2	83.4	83.6	83.7	83.9	83.9	84.0	84.0
≥ 1500	32.7	67.3	71.5	76.9	80.9	81.4	82.7	83.4	83.8	84.1	84.3	84.4	84.5	84.6	84.6	84.7
≥ 1200	32.7	67.6	72.0	77.6	81.8	82.3	83.8	84.6	85.0	85.3	85.6	85.6	85.8	85.8	85.9	86.0
≥ 1000	33.0	68.2	72.9	78.8	83.2	83.9	85.4	86.3	86.7	87.2	87.5	87.7	87.8	87.9	88.0	88.0
≥ 900	33.0	68.3	73.1	79.2	83.6	84.3	85.8	86.8	87.3	87.8	88.3	88.4	88.5	88.6	88.7	88.8
≥ 800	33.0	68.4	73.3	79.4	84.0	84.6	86.2	87.3	87.8	88.3	88.7	88.8	89.0	89.0	89.1	89.2
≥ 700	33.0	68.6	73.5	79.8	84.5	85.3	86.8	87.9	88.4	89.0	89.7	89.8	90.0	90.0	90.1	90.2
≥ 600	33.1	68.7	73.7	80.1	85.1	85.9	87.6	88.7	89.2	89.9	90.6	90.7	90.9	90.9	91.0	91.1
≥ 500	33.1	68.7	73.8	80.4	85.8	86.8	88.8	90.1	90.6	91.4	92.2	92.4	92.6	92.6	92.7	92.8
≥ 400	33.1	68.7	73.9	80.6	86.1	87.3	89.4	90.7	91.3	92.1	93.1	93.3	93.5	93.6	93.7	93.8
≥ 300	33.1	68.7	74.0	80.8	86.5	87.7	90.2	91.7	92.3	93.5	94.6	94.8	95.1	95.1	95.2	95.3
≥ 200	33.1	68.7	74.0	80.9	86.9	88.2	90.8	92.4	93.2	94.4	95.6	96.0	96.5	96.6	96.7	96.8
≥ 100	33.1	68.7	74.0	80.9	86.9	88.2	90.8	92.5	93.3	94.5	95.8	96.3	97.1	97.4	98.0	98.4
≥ 0	33.1	68.7	74.0	80.9	86.9	88.2	90.8	92.5	93.3	94.5	95.8	96.3	97.1	97.4	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS. 2409

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13707
STATION

DOVER AFB DELAWARE
STATION NAME

43-46, 51-72
YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS - LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING	22.0	40.4	42.7	45.3	47.1	47.3	48.0	48.2	48.3	48.5	48.7	48.7	48.8	48.8	48.8	49.0
≥20000	24.3	44.5	47.2	50.0	52.0	52.4	53.1	53.3	53.4	53.7	53.9	53.9	53.9	53.9	54.0	54.3
IV 18000	24.4	44.6	47.3	50.1	52.2	52.5	53.3	53.4	53.5	53.9	54.0	54.0	54.1	54.1	54.2	54.4
IV 16000	24.4	44.8	47.5	50.4	52.5	52.8	53.6	53.7	53.8	54.2	54.3	54.3	54.4	54.4	54.4	54.7
IV 14000	24.6	45.5	48.3	51.2	53.4	53.7	54.5	54.8	54.9	55.3	55.4	55.4	55.5	55.5	55.6	55.9
IV 12000	24.9	46.1	49.1	52.2	54.4	54.8	55.7	55.9	56.0	56.4	56.7	56.7	56.7	56.7	56.8	57.1
IV 10000	25.8	48.6	51.9	55.4	57.9	58.4	59.3	59.6	59.6	60.1	60.3	60.3	60.3	60.3	60.4	60.7
IV 9000	26.1	49.6	53.0	56.4	59.1	59.7	60.5	60.8	60.9	61.3	61.6	61.6	61.6	61.6	61.7	62.0
IV 8000	26.9	51.7	55.2	59.0	61.9	62.4	63.3	63.7	63.8	64.2	64.4	64.5	64.6	64.6	64.7	65.0
IV 7000	27.4	53.2	57.1	60.8	63.9	64.5	65.5	65.8	65.9	66.3	66.5	66.6	66.8	66.8	66.8	67.1
IV 6000	27.8	54.4	58.4	62.4	65.7	66.3	67.4	67.8	67.9	68.3	68.6	68.7	68.8	68.8	68.9	69.2
IV 5000	28.1	56.4	60.7	65.0	68.4	69.0	70.2	70.7	70.8	71.2	71.5	71.8	71.7	71.7	71.8	72.1
IV 4500	28.3	56.9	61.3	65.8	69.2	69.9	71.1	71.6	71.7	72.2	72.4	72.5	72.7	72.7	72.7	73.0
IV 4000	28.7	58.2	62.8	67.4	71.0	71.7	72.9	73.5	73.6	74.0	74.3	74.4	74.5	74.5	74.6	74.9
IV 3500	29.3	59.6	64.2	69.0	72.6	73.2	74.6	75.2	75.4	75.8	76.0	76.1	76.3	76.3	76.3	76.6
IV 3000	29.3	60.6	65.5	70.5	74.2	74.9	76.5	77.2	77.3	77.7	78.0	78.1	78.2	78.2	78.3	78.6
IV 2500	29.6	61.5	66.6	71.8	75.7	76.4	78.1	79.0	79.1	79.6	79.9	80.0	80.1	80.1	80.2	80.5
IV 2000	29.6	62.4	67.7	73.2	77.3	78.2	80.0	81.1	81.2	81.8	82.0	82.1	82.3	82.3	82.3	82.6
IV 1800	29.7	62.7	68.0	73.6	77.6	78.5	80.4	81.5	81.6	82.2	82.4	82.5	82.7	82.7	82.8	83.0
IV 1500	29.8	63.3	68.6	74.4	78.0	79.4	81.3	82.5	82.6	83.2	83.5	83.5	83.7	83.7	83.8	84.1
IV 1200	29.8	63.9	69.4	75.3	79.6	80.7	82.6	83.9	84.0	84.6	84.9	85.0	85.2	85.2	85.3	85.6
IV 1000	29.9	64.3	70.0	76.1	80.7	82.0	84.0	85.4	85.6	86.2	86.6	86.7	86.9	86.9	87.1	87.4
IV 900	29.9	64.4	70.0	76.2	80.9	82.2	84.2	85.7	86.0	86.7	87.1	87.2	87.4	87.4	87.6	87.9
IV 800	29.9	64.5	70.2	76.6	81.4	82.7	85.1	86.6	86.9	87.7	88.1	88.3	88.5	88.6	88.7	89.0
IV 700	29.9	64.5	70.2	76.8	81.8	83.2	85.8	87.4	87.8	88.6	89.1	89.4	89.6	89.7	89.8	90.1
IV 600	29.9	64.8	70.7	77.4	82.7	84.2	87.2	89.0	89.4	90.3	90.8	91.1	91.3	91.4	91.5	91.8
IV 500	30.0	64.9	70.9	77.9	83.4	84.9	88.1	89.9	90.4	91.5	92.1	92.4	92.8	92.8	93.1	93.4
IV 400	30.0	64.9	71.0	78.1	83.8	85.3	88.7	90.5	91.0	92.4	93.1	93.5	93.9	94.0	94.4	94.8
IV 300	30.0	65.0	71.1	78.3	84.2	85.7	89.3	91.3	91.8	93.6	94.6	95.0	95.6	95.7	96.2	96.6
IV 200	30.0	65.0	71.1	78.3	84.3	85.9	89.6	91.8	92.5	94.3	95.6	96.1	96.9	97.1	97.8	98.2
IV 100	30.0	65.0	71.1	78.3	84.3	85.9	89.6	91.9	92.6	94.5	95.8	96.3	97.2	97.6	98.4	99.1
IV 0	30.0	65.0	71.1	78.3	84.3	85.9	89.6	91.9	92.6	94.5	95.8	96.3	97.2	97.6	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS

2416

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13707
STATION

DOVER AFB DELAWARE
STATION NAME

42-46, 51-72
YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS, L.S.T.

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5-16	≥¼	≥0
NO CEILING	26.8	43.5	45.6	46.9	47.4	47.6	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 20000	30.0	49.1	51.5	52.9	53.6	53.8	53.8	53.8	53.9	53.9	53.9	53.9	53.9	53.9	54.0	54.0
≥ 18000	30.0	49.4	51.8	53.3	54.0	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.4	54.4
≥ 16000	30.3	49.9	52.3	53.8	54.5	54.7	54.8	54.8	54.8	54.9	54.9	54.9	54.9	54.9	54.9	54.9
≥ 14000	30.8	50.8	53.4	55.0	55.8	56.0	56.0	56.1	56.1	56.2	56.2	56.2	56.2	56.2	56.3	56.3
≥ 12000	31.5	52.4	55.3	57.2	58.0	58.2	58.2	58.3	58.3	58.4	58.5	58.5	58.5	58.5	58.5	58.5
≥ 10000	32.5	55.0	58.0	60.1	61.0	61.2	61.5	61.6	61.6	61.7	61.8	61.8	61.8	61.8	61.8	61.8
≥ 9000	32.7	55.7	58.8	60.8	61.9	62.1	62.4	62.5	62.5	62.6	62.7	62.7	62.7	62.7	62.7	62.7
≥ 8000	33.4	57.4	60.5	62.7	63.7	64.0	64.3	64.4	64.4	64.5	64.6	64.6	64.6	64.6	64.6	64.6
≥ 7000	33.7	58.7	62.2	64.5	65.7	66.0	66.3	66.4	66.4	66.5	66.6	66.6	66.6	66.6	66.6	66.6
≥ 6000	33.9	59.6	63.1	65.8	67.1	67.4	67.7	67.8	67.8	67.9	68.0	68.0	68.0	68.0	68.1	68.1
≥ 5000	34.3	61.4	65.1	67.8	69.2	69.5	69.8	70.0	70.0	70.0	70.1	70.1	70.1	70.1	70.2	70.2
≥ 4500	34.8	62.4	66.1	68.9	70.3	70.6	71.0	71.1	71.1	71.2	71.3	71.3	71.3	71.3	71.3	71.3
≥ 4000	35.6	64.3	68.4	71.5	73.0	73.4	73.7	73.8	73.8	73.9	74.0	74.0	74.0	74.0	74.0	74.0
≥ 3500	36.2	65.8	70.1	73.3	74.9	75.3	75.6	75.7	75.7	75.9	75.9	75.9	75.9	75.9	76.0	76.0
≥ 3000	36.6	67.7	72.2	75.5	77.5	77.9	78.3	78.4	78.4	78.6	78.7	78.7	78.7	78.7	78.7	78.7
≥ 2500	37.0	68.6	73.5	76.9	79.1	79.5	80.1	80.3	80.3	80.5	80.6	80.6	80.6	80.6	80.6	80.6
≥ 2000	37.2	70.0	75.2	78.6	80.9	81.3	82.1	82.3	82.3	82.6	82.6	82.6	82.6	82.6	82.7	82.7
≥ 1800	37.3	70.3	75.5	79.1	81.3	81.8	82.7	82.8	82.9	83.1	83.2	83.2	83.2	83.2	83.2	83.2
≥ 1500	37.5	70.8	76.1	79.9	82.3	82.9	83.9	84.1	84.1	84.4	84.5	84.5	84.5	84.5	84.5	84.5
≥ 1200	37.6	71.7	77.1	81.3	84.1	84.8	85.9	86.1	86.2	86.4	86.5	86.5	86.5	86.5	86.6	86.6
≥ 1000	37.7	72.3	78.0	82.3	85.2	86.0	87.4	87.7	87.8	88.1	88.3	88.3	88.3	88.3	88.4	88.4
≥ 900	37.7	72.5	78.3	82.8	85.7	86.5	88.0	88.4	88.5	88.8	89.0	89.1	89.1	89.1	89.1	89.1
≥ 800	37.7	72.5	78.3	83.0	86.1	87.0	88.7	89.2	89.4	89.7	90.0	90.1	90.1	90.1	90.1	90.1
≥ 700	37.7	72.5	78.4	83.3	86.6	87.7	89.5	90.4	90.6	91.1	91.5	91.6	91.6	91.6	91.6	91.6
≥ 600	37.7	72.7	78.8	84.0	87.7	89.0	91.1	92.2	92.4	93.1	93.7	93.9	94.1	94.1	94.1	94.1
≥ 500	37.7	72.9	79.1	84.5	88.6	89.9	92.4	93.6	93.9	94.6	95.3	95.5	95.7	95.8	95.8	95.8
≥ 400	37.7	73.0	79.2	84.7	88.9	90.5	93.4	94.6	95.0	95.9	96.6	96.8	97.1	97.1	97.2	97.3
≥ 300	37.7	73.0	79.2	84.8	89.1	90.7	93.7	95.1	95.6	96.6	97.5	97.7	98.0	98.1	98.2	98.3
≥ 200	37.7	73.0	79.2	84.8	89.1	90.7	93.8	95.4	95.9	97.0	98.1	98.3	98.8	99.0	99.2	99.5
≥ 100	37.7	73.0	79.2	84.8	89.1	90.7	93.8	95.4	95.9	97.0	98.1	98.4	99.0	99.3	99.5	99.9
≥ 0	37.7	73.0	79.2	84.8	89.1	90.7	93.8	95.4	95.9	97.0	98.1	98.4	99.0	99.3	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS

2407

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13707
STATION

DDVEF AFB DELAWARE
STATION NAME

43-46,51-72
YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.0	≥ 0.5	≥ 0.25	≥ 0.15	≥ 0.1	≥ 0.05	≥ 0.025	≥ 0.01
NO CEILING ≥ 20000	27.5	40.8	41.9	42.6	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
≥ 18000	31.3	47.8	49.0	49.9	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
IV 16000	31.7	48.6	49.8	50.7	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
IV 14000	32.3	49.9	51.1	52.3	52.4	52.5	52.5	52.5	52.5	52.5	52.6	52.6	52.6	52.6	52.6	52.6
IV 12000	33.5	52.0	53.4	54.5	54.9	55.0	55.0	55.0	55.0	55.0	55.1	55.1	55.1	55.1	55.1	55.1
IV 10000	35.0	55.1	56.6	57.8	58.2	58.3	58.4	58.4	58.4	58.4	58.5	58.5	58.5	58.5	58.5	58.5
IV 9000	35.2	55.9	57.5	58.8	59.2	59.4	59.4	59.5	59.5	59.5	59.6	59.6	59.6	59.6	59.6	59.6
IV 8000	36.0	57.8	59.5	60.8	61.3	61.4	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
IV 7000	36.3	59.3	61.0	62.3	62.8	63.0	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
IV 6000	36.7	60.2	61.9	63.5	63.9	64.1	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
IV 5000	37.9	62.7	64.8	66.4	66.8	67.0	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
IV 4500	38.8	64.5	66.5	68.1	68.6	68.8	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
IV 4000	40.3	68.2	70.4	72.1	72.6	72.8	72.9	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1
IV 3500	41.9	70.9	73.3	75.1	75.6	75.8	76.0	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2
IV 3000	42.7	74.2	77.0	79.0	79.6	79.9	80.2	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3
IV 2500	43.2	75.5	78.6	80.8	81.5	81.8	82.1	82.2	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3
IV 2000	43.5	76.9	80.2	82.5	83.3	83.6	83.9	84.0	84.0	84.1	84.2	84.2	84.2	84.2	84.2	84.2
IV 1800	43.5	77.0	80.4	82.8	83.6	84.0	84.4	84.4	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6
IV 1500	43.7	77.7	81.6	84.0	85.1	85.5	86.0	86.3	86.3	86.5	86.5	86.5	86.6	86.6	86.6	86.6
IV 1200	43.8	78.2	82.5	85.3	86.5	86.9	87.5	87.8	87.8	88.0	88.1	88.1	88.1	88.1	88.1	88.1
IV 1000	43.8	78.6	83.1	86.2	87.7	88.2	88.9	89.4	89.5	89.8	89.9	89.9	89.9	89.9	89.9	89.9
IV 900	43.8	78.8	83.4	86.6	88.2	88.8	89.5	90.0	90.0	90.4	90.5	90.5	90.5	90.5	90.5	90.5
IV 800	43.8	79.0	83.8	87.2	89.1	89.9	90.8	91.4	91.4	92.0	92.2	92.3	92.4	92.4	92.4	92.4
IV 700	43.9	79.3	84.2	87.7	89.8	90.6	91.6	92.2	92.3	92.9	93.1	93.2	93.4	93.4	93.5	93.5
IV 600	43.9	79.4	84.4	88.0	90.3	91.2	92.4	93.2	93.2	94.1	94.3	94.4	94.6	94.6	94.7	94.7
IV 500	43.9	79.6	84.7	88.5	91.0	92.0	93.3	94.2	94.6	95.4	95.7	95.8	96.2	96.2	96.3	96.3
IV 400	43.9	79.7	84.8	88.8	91.3	92.4	94.0	95.2	95.8	96.8	97.1	97.2	97.6	97.6	97.7	97.7
IV 300	43.9	79.7	84.8	88.8	91.3	92.6	94.4	95.6	96.2	97.3	97.8	97.9	98.4	98.4	98.6	98.6
IV 200	43.9	79.7	84.8	88.8	91.3	92.6	94.5	96.0	96.8	98.0	98.6	98.8	99.3	99.3	99.6	99.6
IV 100	43.9	79.7	84.8	88.8	91.3	92.6	94.5	96.0	96.8	98.0	98.6	98.8	99.4	99.5	99.8	100.0
IV 0	43.9	79.7	84.8	88.8	91.3	92.6	94.5	96.0	96.8	98.0	98.6	98.8	99.4	99.5	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS

2409

USAF ETAC

FORM
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13707
STATION

DOVER AFB DELAWARE
STATE & NAME

43-46,51-72
YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS LT ST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING	27.4	41.5	42.8	43.8	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	44.0
≥ 20000	31.8	49.1	50.6	51.8	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 18000	32.0	49.4	50.9	52.0	52.1	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.3
≥ 16000	32.2	50.0	51.5	52.6	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.9
≥ 14000	33.1	51.8	53.5	54.6	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.9
≥ 12000	34.0	53.4	55.1	56.4	56.7	56.8	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 10000	35.4	56.1	58.0	59.4	59.9	59.9	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.1
≥ 9000	35.6	56.6	58.7	60.1	60.5	60.6	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.8
≥ 8000	36.7	58.6	60.8	62.2	62.7	62.8	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	63.0
≥ 7000	37.4	60.5	62.9	64.5	65.2	65.3	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.5
≥ 6000	38.4	61.9	64.5	66.1	66.8	66.9	66.9	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 5000	39.4	64.2	67.2	68.8	69.6	69.8	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.1
≥ 4500	40.2	66.1	69.2	70.9	71.7	71.9	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.2
≥ 4000	41.6	69.5	72.6	74.3	75.2	75.4	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.7
≥ 3500	42.3	71.3	74.4	76.3	77.3	77.5	77.5	77.7	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8
≥ 3000	43.1	74.2	77.7	80.0	81.2	81.6	81.8	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.1
≥ 2500	43.5	75.3	79.0	81.5	82.6	83.3	83.6	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.9
≥ 2000	43.9	76.2	80.1	82.7	84.1	84.7	85.1	85.4	85.4	85.4	85.4	85.5	85.5	85.5	85.5	85.6
≥ 1800	43.9	76.3	80.3	82.9	84.4	85.0	85.4	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.9
≥ 1500	44.0	77.2	81.3	84.0	85.6	86.3	86.9	87.3	87.3	87.4	87.5	87.5	87.5	87.5	87.5	87.5
≥ 1200	44.2	77.8	82.0	84.8	86.8	87.5	88.1	88.5	88.5	88.6	88.7	88.7	88.7	88.7	88.7	88.8
≥ 1000	44.3	78.2	82.5	85.3	87.4	88.3	89.0	89.6	89.6	89.7	89.9	89.9	90.0	90.0	90.0	90.1
≥ 900	44.3	78.2	82.6	85.6	87.7	88.6	89.3	89.9	89.9	90.0	90.2	90.2	90.3	90.3	90.3	90.4
≥ 800	44.3	78.5	83.0	86.1	88.4	89.3	90.3	91.1	91.2	91.4	91.6	91.7	91.7	91.7	91.7	91.8
≥ 700	44.3	78.6	83.2	86.3	88.8	90.0	91.1	92.3	92.4	92.7	92.9	92.9	93.0	93.0	93.0	93.1
≥ 600	44.3	78.7	83.4	86.6	89.2	90.5	91.8	93.2	93.3	93.8	94.0	94.0	94.1	94.1	94.1	94.3
≥ 500	44.3	78.7	83.6	86.9	89.7	91.1	92.7	94.2	94.6	95.3	95.5	95.5	95.8	95.8	95.8	96.0
≥ 400	44.3	78.8	83.7	87.2	90.1	91.6	93.2	94.9	95.6	96.6	97.1	97.1	97.3	97.3	97.5	97.7
≥ 300	44.3	78.8	83.7	87.2	90.2	91.7	93.4	95.4	96.2	97.4	98.0	98.3	98.5	98.5	98.7	99.0
≥ 200	44.3	78.8	83.7	87.2	90.2	91.7	93.5	95.6	96.4	97.8	98.5	98.8	99.2	99.4	99.6	99.7
≥ 100	44.3	78.8	83.7	87.2	90.2	91.7	93.5	95.6	96.4	97.8	98.5	98.8	99.2	99.4	99.6	100.0
≥ 0	44.3	78.8	83.7	87.2	90.2	91.7	93.5	95.6	96.4	97.8	98.5	98.8	99.2	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS

2409

USAF ETAC FORM 12-64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13707
STATION

DDVER AFB DELAWARE
STATION NAME

43-46, 51-72
YEARS

1800-2000
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS 1-51

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.0	≥ .5	≥ .3	≥ .2	≥ .1	≥ .05	≥ .01	≥ 0
NO CEILING	29.1	48.0	49.8	51.0	51.8	51.8	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	52.0	52.0
≥ 20000	31.8	53.4	55.4	56.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	58.0	58.0
IV 18000	31.9	53.7	55.7	57.1	58.2	58.2	58.2	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.4
IV 16000	32.3	54.2	56.2	57.6	58.7	58.7	58.7	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.9
IV 14000	32.6	55.4	57.4	58.9	60.0	60.0	60.0	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
IV 12000	33.4	57.0	59.2	60.6	62.0	62.0	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.2	62.2
IV 10000	34.4	59.0	61.5	63.1	64.4	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.7	64.7
IV 9000	34.7	60.1	62.7	64.3	65.7	65.8	66.0	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.2
IV 8000	35.5	61.9	64.7	66.5	68.1	68.2	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.7	68.7
IV 7000	36.3	64.1	67.1	69.0	70.7	70.9	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.5
IV 6000	36.5	65.3	68.4	70.5	72.3	72.6	72.9	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
IV 5000	37.1	67.0	70.3	72.4	74.2	74.6	74.9	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.3
IV 4500	37.8	68.3	71.7	73.9	75.8	76.1	76.5	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.9
IV 4000	38.3	70.4	73.9	76.2	78.3	78.6	79.0	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
IV 3500	38.5	71.4	75.0	77.3	79.4	79.7	80.1	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.5
IV 3000	38.7	72.8	76.6	79.0	81.3	81.8	82.2	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.6	82.6
IV 2500	38.7	73.4	77.4	80.0	82.4	82.9	83.4	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.8	83.8
IV 2000	38.9	74.1	78.3	80.9	83.4	83.9	84.4	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	85.0
IV 1800	38.9	74.5	78.7	81.4	83.9	84.4	84.9	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.5
IV 1500	39.0	74.8	79.3	82.3	84.8	85.4	86.0	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.7	86.7
IV 1200	39.1	75.4	80.0	83.0	85.7	86.3	87.1	87.6	87.7	87.8	87.8	87.8	87.8	87.8	87.9	88.0
IV 1000	39.3	76.0	80.8	83.9	86.9	87.6	88.4	89.1	89.2	89.5	89.7	89.7	89.8	89.8	89.8	89.9
IV 900	39.4	76.1	80.9	84.1	87.2	87.9	88.7	89.5	89.5	89.9	90.0	90.1	90.1	90.2	90.2	90.2
IV 800	39.4	76.4	81.4	84.7	88.0	88.7	89.6	90.6	90.7	91.2	91.4	91.4	91.5	91.5	91.5	91.6
IV 700	39.4	76.5	81.5	84.9	88.3	89.0	90.0	91.2	91.4	91.9	92.1	92.1	92.2	92.2	92.3	92.3
IV 600	39.4	76.6	81.8	85.3	88.8	89.5	90.7	92.1	92.3	92.9	93.2	93.3	93.3	93.4	93.4	93.5
IV 500	39.4	76.6	81.9	85.6	89.3	90.2	91.8	93.4	93.8	94.6	95.0	95.2	95.3	95.3	95.4	95.4
IV 400	39.4	76.8	82.1	85.9	89.8	90.8	92.6	94.4	94.8	95.7	96.2	96.4	96.6	96.6	96.6	96.8
IV 300	39.4	76.8	82.1	85.9	90.0	91.0	92.9	95.1	95.6	96.7	97.3	97.6	97.9	97.9	98.0	98.3
IV 200	39.4	76.8	82.1	85.9	90.0	91.1	93.1	95.2	95.8	97.0	97.8	98.0	98.3	98.4	98.6	98.8
IV 100	39.4	76.8	82.1	85.9	90.0	91.1	93.1	95.2	95.8	97.1	97.9	98.2	98.6	98.8	99.0	99.3
IV 0	39.4	76.8	82.1	85.9	90.0	91.1	93.1	95.2	95.8	97.1	97.9	98.2	98.6	98.9	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 2406

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13707

DOVER AFB DELAWARE

43-46, 51-72

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥4	≥0
NO CEILING	28.4	51.2	52.8	54.4	55.6	55.7	56.0	56.0	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 20000	30.4	54.6	56.3	57.8	59.1	59.2	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
≥ 18000	30.5	54.9	56.6	58.2	59.4	59.5	59.8	59.8	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9
IV 16000	30.7	55.0	56.8	58.3	59.5	59.6	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
IV 14000	31.0	56.2	58.0	59.6	60.8	60.9	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.4
IV 12000	31.8	57.7	59.5	61.2	62.5	62.7	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.1
≥ 10000	32.6	59.2	61.1	63.1	64.4	64.6	64.9	65.0	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 9000	32.9	60.6	62.5	64.6	66.1	66.3	66.6	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.9
IV 8000	33.7	62.6	64.7	66.8	68.6	68.8	69.1	69.2	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.4
IV 7000	34.9	65.0	67.3	69.6	71.5	71.7	72.1	72.2	72.2	72.3	72.4	72.4	72.4	72.4	72.4	72.4
≥ 6000	35.4	66.6	69.1	71.5	73.7	73.9	74.3	74.4	74.4	74.5	74.6	74.6	74.6	74.6	74.6	74.6
IV 5000	36.0	68.1	70.8	73.3	75.5	75.7	76.2	76.3	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.5
IV 4500	36.4	68.8	71.4	74.0	76.2	76.4	76.9	77.0	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.2
IV 4000	36.6	70.3	73.1	75.9	78.4	78.6	79.1	79.2	79.2	79.3	79.4	79.4	79.4	79.4	79.4	79.5
≥ 3500	36.8	70.8	73.6	76.7	79.3	79.5	80.2	80.3	80.4	80.5	80.6	80.6	80.6	80.7	80.7	80.7
IV 3000	36.9	71.9	74.9	78.1	80.8	81.1	82.0	82.1	82.2	82.3	82.4	82.4	82.4	82.5	82.5	82.5
IV 2500	36.9	72.4	75.4	78.9	81.6	82.1	82.9	83.1	83.2	83.3	83.4	83.4	83.4	83.5	83.5	83.5
IV 2000	36.9	72.9	76.2	79.9	82.7	83.2	84.0	84.3	84.4	84.5	84.6	84.6	84.7	84.7	84.7	84.7
IV 1800	37.0	73.0	76.2	80.0	82.9	83.3	84.2	84.5	84.5	84.7	84.8	84.8	84.8	84.8	84.8	84.9
IV 1500	37.0	73.3	76.7	80.7	83.6	84.2	85.2	85.5	85.5	85.7	85.9	85.9	86.0	86.0	86.0	86.0
≥ 1200	37.0	73.5	77.2	81.3	84.3	84.9	86.0	86.2	86.3	86.5	86.8	86.8	86.8	86.8	86.8	86.9
IV 1000	37.1	74.0	78.0	82.1	85.4	86.0	87.3	87.8	88.0	88.4	88.7	88.7	88.7	88.7	88.7	88.7
≥ 900	37.1	74.2	78.3	82.5	85.9	86.6	87.9	88.5	88.7	89.2	89.4	89.4	89.4	89.4	89.4	89.5
IV 800	37.1	74.4	78.5	82.8	86.5	87.2	88.7	89.4	89.6	90.2	90.5	90.5	90.5	90.5	90.5	90.6
IV 700	37.1	74.7	79.0	83.6	87.4	88.1	89.7	90.5	90.7	91.4	91.7	91.7	91.7	91.7	91.7	91.8
IV 600	37.1	74.9	79.3	84.1	87.8	88.6	90.5	91.3	91.5	92.3	92.6	92.6	92.6	92.6	92.7	92.7
IV 500	37.1	75.2	79.6	84.4	88.6	89.4	91.5	92.4	92.7	93.6	93.9	94.0	94.1	94.1	94.1	94.2
IV 400	37.1	75.2	79.9	85.0	89.3	90.2	92.7	93.9	94.3	95.4	95.9	96.0	96.1	96.1	96.1	96.3
IV 300	37.1	75.2	79.9	85.1	89.4	90.4	92.9	94.2	94.6	95.8	96.4	96.8	96.8	96.8	96.8	96.9
IV 200	37.1	75.2	80.0	85.1	89.5	90.5	93.1	94.5	95.0	96.6	97.3	97.3	97.7	97.7	97.8	97.9
IV 100	37.1	75.2	80.0	85.1	89.5	90.6	93.1	94.6	95.1	96.7	97.5	97.7	98.1	98.4	98.8	99.4
IV 0	37.1	75.2	80.0	85.1	89.5	90.6	93.1	94.6	95.1	96.7	97.5	97.7	98.1	98.5	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS

2467

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13707
STATION

DUVEP AFB DELAWARE
STATION NAME

43-46,51-72
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5-16	≥1	≥0
NO CEILING ≥ 20000	29.8	50.4	52.6	53.7	55.4	55.5	55.8	55.9	56.0	56.4	56.4	56.4	56.4	56.5	56.5	56.6
≥ 18000	30.5	53.1	55.3	56.4	58.1	58.2	58.5	58.6	58.7	59.1	59.1	59.2	59.3	59.3	59.3	59.4
IV 16000	30.6	53.2	55.4	56.5	58.2	58.3	58.6	58.7	58.8	59.2	59.2	59.3	59.4	59.4	59.4	59.5
IV 14000	30.6	53.3	55.5	56.6	58.4	58.4	58.7	58.8	58.9	59.3	59.3	59.4	59.5	59.5	59.5	59.6
IV 12000	31.0	54.2	56.5	57.9	59.7	59.7	60.1	60.2	60.2	60.6	60.7	60.7	60.9	60.9	60.9	60.9
IV 10000	31.5	55.9	58.3	59.6	61.5	61.6	61.9	62.0	62.1	62.5	62.5	62.6	62.7	62.7	62.7	62.8
IV 9000	32.6	58.1	60.7	62.2	64.1	64.2	64.5	64.6	64.7	65.1	65.1	65.2	65.3	65.3	65.3	65.4
IV 8000	33.3	59.9	62.6	64.1	66.1	66.1	66.5	66.6	66.7	67.1	67.1	67.1	67.2	67.3	67.3	67.4
IV 7000	34.4	62.5	65.6	67.4	69.5	69.6	70.0	70.1	70.2	70.6	70.6	70.7	70.8	70.8	70.8	70.9
IV 6000	35.4	66.0	69.2	71.1	73.2	73.3	73.7	73.8	73.9	74.3	74.3	74.4	74.5	74.5	74.5	74.6
IV 5000	36.1	67.5	70.7	73.1	75.2	75.4	75.8	75.9	76.0	76.4	76.4	76.5	76.6	76.6	76.6	76.7
IV 4500	36.6	69.4	72.8	75.3	77.7	77.9	78.4	78.5	78.6	79.0	79.0	79.1	79.2	79.2	79.2	79.3
IV 4000	36.8	69.9	73.5	76.1	78.6	78.8	79.3	79.4	79.5	79.9	79.9	80.0	80.1	80.1	80.1	80.2
IV 3500	37.0	70.8	74.6	77.5	80.1	80.3	80.8	80.9	81.0	81.4	81.4	81.5	81.6	81.6	81.6	81.7
IV 3000	37.3	71.9	75.7	78.6	81.3	81.5	82.0	82.1	82.2	82.6	82.6	82.7	82.8	82.8	82.8	82.9
IV 2500	37.4	72.6	76.6	79.5	82.4	82.6	83.1	83.2	83.3	83.7	83.7	83.8	83.9	83.9	83.9	84.0
IV 2000	37.5	73.4	77.6	80.6	83.6	83.8	84.4	84.5	84.5	84.9	85.0	85.0	85.1	85.1	85.1	85.2
IV 1800	37.8	74.0	78.4	81.5	84.7	84.9	85.6	85.7	85.8	86.2	86.2	86.3	86.4	86.4	86.4	86.5
IV 1600	37.9	74.1	78.5	81.6	84.8	85.0	85.7	85.8	85.9	86.3	86.3	86.3	86.5	86.5	86.5	86.6
IV 1500	37.9	74.5	78.9	82.0	85.4	85.7	86.4	86.5	86.6	87.0	87.0	87.1	87.2	87.2	87.2	87.3
IV 1200	37.9	74.9	79.5	82.6	86.2	86.5	87.5	87.6	87.7	88.1	88.2	88.2	88.3	88.3	88.3	88.4
IV 1000	37.9	75.8	80.4	83.5	87.4	87.7	88.8	88.9	89.1	89.8	89.8	89.9	90.0	90.0	90.0	90.1
IV 900	37.9	76.1	80.8	84.1	88.1	88.4	89.7	89.8	90.0	90.7	90.7	90.7	90.9	90.9	90.9	91.0
IV 800	38.0	76.3	81.2	84.5	88.9	89.3	90.7	90.8	91.0	91.6	91.7	91.7	91.9	91.9	91.9	91.9
IV 700	38.1	76.7	81.6	85.0	89.4	89.8	91.3	91.5	91.8	92.5	92.5	92.6	92.8	92.8	92.8	92.9
IV 600	38.1	77.0	82.0	85.7	90.6	91.1	92.9	93.3	93.5	94.3	94.4	94.5	94.7	94.7	94.7	94.8
IV 500	38.1	77.0	82.2	85.9	91.0	91.5	93.4	93.9	94.1	95.1	95.2	95.3	95.5	95.5	95.5	95.6
IV 400	38.1	77.1	82.6	86.5	91.8	92.4	94.4	94.9	95.2	96.3	96.4	96.5	96.7	96.7	96.7	96.8
IV 300	38.1	77.2	82.7	86.6	92.0	92.6	94.7	95.5	95.9	97.2	97.2	97.3	97.6	97.6	97.6	97.8
IV 200	38.1	77.2	82.7	86.6	92.0	92.6	94.9	95.7	96.1	97.5	97.6	97.8	98.2	98.2	98.3	98.5
IV 100	38.1	77.2	82.7	86.6	92.0	92.6	95.0	95.8	96.2	97.6	97.8	98.0	98.5	98.5	98.8	99.3
IV 0	38.1	77.2	82.7	86.6	92.0	92.6	95.0	95.8	96.2	97.6	97.8	98.1	98.5	98.6	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS

2322

USAF ETAC FORM 7-10-64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

3

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13707 STATION DOVER AFB DELAWARE

43-46,51-72

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING	25.1	45.2	46.8	48.5	49.7	49.9	50.7	50.9	50.9	51.1	51.4	51.4	51.5	51.5	51.5	51.8
≥ 20000	26.3	48.3	50.2	52.0	53.2	53.5	54.2	54.5	54.5	54.7	55.0	55.0	55.1	55.1	55.2	55.4
IV 18000	26.3	48.4	50.4	52.1	53.3	53.6	54.4	54.6	54.6	54.8	55.1	55.1	55.2	55.2	55.3	55.6
IV 16000	26.3	48.6	50.6	52.3	53.6	53.8	54.6	54.9	54.9	55.1	55.4	55.4	55.5	55.5	55.6	55.8
IV 14000	26.6	49.4	51.4	53.2	54.5	54.8	55.6	55.8	55.8	56.0	56.3	56.3	56.4	56.4	56.5	56.8
IV 12000	27.5	51.2	53.3	55.3	56.7	57.0	57.8	58.1	58.1	58.2	58.5	58.5	58.7	58.7	58.8	59.0
IV 10000	29.0	54.4	56.8	58.8	60.4	60.6	61.5	61.8	61.8	62.0	62.3	62.3	62.5	62.5	62.5	62.8
IV 9000	29.8	56.0	58.7	60.7	62.3	62.6	63.5	63.8	63.8	64.0	64.3	64.3	64.4	64.4	64.5	64.8
IV 8000	30.8	59.4	61.6	63.9	65.6	65.9	66.9	67.3	67.3	67.5	67.8	67.8	68.0	68.0	68.0	68.3
IV 7000	31.5	61.1	64.6	67.0	69.1	69.4	70.4	70.8	70.8	71.0	71.3	71.4	71.5	71.5	71.6	71.9
IV 6000	32.0	62.4	66.1	68.5	70.9	71.2	72.3	72.6	72.6	72.9	73.2	73.2	73.4	73.4	73.5	73.8
IV 5000	32.6	64.1	68.1	70.7	73.4	73.8	74.8	75.2	75.2	75.4	75.8	75.8	76.0	76.0	76.1	76.4
IV 4500	32.7	64.6	68.7	71.4	74.2	74.5	75.6	76.0	76.0	76.3	76.6	76.7	76.9	76.9	76.9	77.2
IV 4000	33.1	66.1	70.2	73.1	76.0	76.3	77.5	78.0	78.0	78.2	78.6	78.6	78.8	78.8	78.9	79.2
IV 3500	33.2	66.5	70.8	73.6	76.6	76.9	78.2	78.6	78.6	78.8	79.2	79.2	79.4	79.4	79.5	79.8
IV 3000	33.3	67.2	71.8	74.8	77.8	78.2	79.4	79.9	79.9	80.2	80.6	80.6	80.8	80.8	80.9	81.2
IV 2500	33.5	67.7	72.6	75.6	78.9	79.3	80.5	81.0	81.0	81.4	81.8	81.8	82.0	82.0	82.1	82.4
IV 2000	33.7	68.6	73.4	76.6	80.1	80.5	81.9	82.4	82.4	82.8	83.2	83.2	83.4	83.4	83.5	83.8
IV 1800	33.7	68.8	73.7	76.8	80.4	80.8	82.2	82.8	82.8	83.1	83.5	83.6	83.7	83.7	83.8	84.1
IV 1500	33.7	69.2	74.3	77.6	81.3	81.6	83.4	83.9	83.9	84.3	84.7	84.8	84.9	84.9	85.0	85.3
IV 1200	33.8	69.7	74.9	78.4	82.1	82.5	84.5	85.0	85.0	85.4	85.9	85.9	86.1	86.1	86.2	86.5
IV 1000	33.9	70.3	75.7	79.3	83.5	83.8	86.1	86.6	86.6	87.0	87.5	87.5	87.7	87.7	87.8	88.1
IV 900	33.9	70.6	76.2	79.8	84.2	84.6	86.8	87.3	87.3	87.7	88.2	88.3	88.4	88.4	88.5	88.8
IV 800	34.1	71.1	76.8	80.5	85.1	85.5	87.8	88.6	88.6	89.0	89.5	89.5	89.7	89.7	89.8	90.1
IV 700	34.1	71.2	77.1	80.9	85.7	86.2	88.7	89.4	89.4	89.9	90.3	90.3	90.5	90.5	90.7	91.1
IV 600	34.1	71.4	77.3	81.5	86.8	87.4	89.9	90.9	90.9	91.6	92.1	92.2	92.4	92.4	92.5	92.8
IV 500	34.1	71.5	77.6	81.8	87.6	88.2	91.0	92.1	92.2	92.9	93.5	93.6	93.8	93.9	94.0	94.3
IV 400	34.1	71.5	77.8	82.2	88.1	88.8	91.8	93.1	93.2	94.1	94.8	94.9	95.1	95.1	95.2	95.5
IV 300	34.1	71.6	78.1	82.6	88.6	89.4	92.5	93.9	94.0	95.0	95.7	95.9	96.1	96.2	96.3	96.6
IV 200	34.1	71.7	78.2	82.6	88.8	89.5	92.8	94.5	94.5	95.7	96.6	96.8	97.0	97.2	97.5	97.8
IV 100	34.1	71.7	78.2	82.6	88.8	89.5	92.9	94.5	94.6	95.9	96.8	97.0	97.2	97.5	98.0	98.5
IV 0	34.1	71.7	78.2	82.6	88.8	89.5	92.9	94.5	94.6	95.9	96.8	97.0	97.3	97.6	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS 2325

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13707
STATION

DOVER AFB DELAWARE
STATION NAME

43-46,51-72
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥.	≥0
NO CEILING	23.3	41.4	43.8	45.1	46.1	46.4	47.0	47.2	47.3	47.5	47.6	47.6	47.7	47.7	47.8	48.0
≥ 20000	25.9	45.6	48.6	50.0	51.2	51.6	52.3	52.5	52.6	52.8	53.0	53.0	53.1	53.1	53.3	53.4
≥ 18000	26.0	46.0	49.1	50.5	51.7	52.1	52.8	53.0	53.1	53.3	53.4	53.5	53.6	53.6	53.7	53.9
≥ 16000	26.2	46.4	49.5	51.0	52.2	52.6	53.2	53.4	53.5	53.7	53.9	54.0	54.1	54.1	54.2	54.3
≥ 14000	26.5	47.8	51.0	52.6	53.9	54.3	55.0	55.2	55.3	55.5	55.7	55.7	55.9	55.9	56.0	56.1
≥ 12000	27.0	49.4	52.7	54.5	55.9	56.3	57.0	57.2	57.3	57.5	57.7	57.7	57.9	57.9	58.0	58.1
≥ 10000	28.0	52.5	56.1	58.5	59.9	60.4	61.3	61.5	61.7	61.9	62.0	62.1	62.2	62.2	62.3	62.5
≥ 9000	28.4	54.0	57.8	60.2	61.7	62.3	63.2	63.5	63.7	63.9	64.1	64.1	64.2	64.2	64.4	64.5
≥ 8000	29.5	56.4	60.4	62.9	64.7	65.2	66.3	66.6	66.9	67.1	67.3	67.3	67.4	67.4	67.6	67.7
≥ 7000	30.3	58.6	63.0	65.7	67.6	68.1	69.2	69.6	69.8	70.1	70.2	70.3	70.4	70.4	70.5	70.7
≥ 6000	30.6	60.4	64.9	68.0	70.2	70.7	71.8	72.2	72.4	72.6	72.8	72.8	73.0	73.0	73.1	73.3
≥ 5000	31.4	62.3	67.2	70.6	72.9	73.5	74.5	74.9	75.2	75.5	75.6	75.7	75.9	75.9	76.0	76.2
≥ 4500	31.7	62.9	67.8	71.3	73.6	74.1	75.2	75.6	75.9	76.2	76.4	76.4	76.6	76.6	76.7	76.9
≥ 4000	31.9	64.1	67.1	72.1	75.0	75.6	76.8	77.2	77.5	77.9	78.1	78.1	78.3	78.3	78.4	78.6
≥ 3500	32.1	64.8	69.9	73.3	76.1	76.7	77.7	78.3	78.7	79.0	79.2	79.2	79.4	79.4	79.5	79.7
≥ 3000	32.2	65.3	70.4	74.0	76.9	77.5	78.8	79.3	79.7	80.1	80.2	80.3	80.5	80.5	80.6	80.8
≥ 2500	32.3	65.7	70.7	74.4	77.4	78.1	79.4	80.1	80.5	80.9	81.0	81.1	81.2	81.2	81.4	81.6
≥ 2000	32.4	66.3	71.4	75.2	78.4	79.2	80.6	81.2	81.6	82.0	82.2	82.3	82.4	82.4	82.6	82.8
≥ 1800	32.4	66.4	71.5	75.4	78.6	79.4	80.8	81.5	81.8	82.2	82.4	82.5	82.7	82.7	82.8	83.0
≥ 1500	32.6	67.0	72.2	76.3	79.6	80.4	81.8	82.5	82.9	83.3	83.5	83.6	83.7	83.7	83.9	84.1
≥ 1200	32.6	67.7	73.2	77.3	80.9	81.7	83.2	84.0	84.3	84.8	85.0	85.0	85.2	85.2	85.4	85.6
≥ 1000	32.7	68.3	74.0	78.1	81.9	82.9	84.4	85.3	85.7	86.2	86.6	86.6	86.8	86.8	87.0	87.2
≥ 900	32.8	68.6	74.3	78.6	82.5	83.5	85.1	85.9	86.4	86.9	87.2	87.3	87.4	87.4	87.6	87.9
≥ 800	32.9	68.8	74.7	79.1	83.2	84.2	86.0	86.9	87.3	87.9	88.3	88.3	88.5	88.5	88.7	88.9
≥ 700	32.9	69.1	75.0	79.6	83.9	85.0	87.0	88.0	88.5	89.1	89.5	89.5	89.7	89.7	89.9	90.2
≥ 600	32.9	69.2	75.2	79.8	84.3	85.5	87.6	88.9	89.4	90.0	90.5	90.6	90.8	90.8	91.0	91.3
≥ 500	33.0	69.5	75.6	80.3	85.6	87.0	89.2	90.7	91.2	92.2	92.7	92.7	93.1	93.1	93.5	93.8
≥ 400	33.0	69.5	75.7	80.6	86.1	87.7	90.1	91.7	92.3	93.5	94.0	94.1	94.5	94.5	94.8	95.1
≥ 300	33.0	69.6	75.8	80.7	86.4	88.1	90.7	92.4	93.3	94.5	95.3	95.4	95.8	95.8	96.3	96.6
≥ 200	33.0	69.6	75.8	80.7	86.4	88.3	90.8	92.8	93.8	95.1	96.2	96.3	96.9	97.0	97.3	97.9
≥ 100	33.0	69.6	75.8	80.7	86.4	88.3	90.8	92.8	93.8	95.1	96.2	96.4	97.2	97.4	98.2	98.9
≥ 0	33.0	69.6	75.8	80.7	86.4	88.3	90.8	92.8	93.8	95.1	96.2	96.4	97.2	97.4	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS

2324

USAF ETAC FORM 0- J-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13707
STATION

DDVER AFB DELAWARE
STATION NAME

42-46,51-72
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURS OBSERVATIONS)

0900-1100
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.2	≥1	≥.5	≥.4	≥.3	≥.2	≥.16	≥.1
NO CEILING	30.4	45.4	46.6	47.2	47.6	47.7	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
≥ 20000	33.1	50.6	52.5	52.1	53.6	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 18000	33.3	51.0	52.9	53.5	54.0	54.1	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 16000	33.4	51.4	53.3	53.9	54.5	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 14000	33.6	52.2	54.3	55.0	55.5	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
≥ 12000	34.7	54.7	56.9	57.9	58.6	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 10000	36.4	57.7	60.0	61.0	61.8	61.9	62.0	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 9000	37.2	59.3	61.7	62.7	63.5	63.6	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 8000	37.8	61.6	64.1	65.6	66.5	66.6	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 7000	38.6	63.4	66.1	67.7	68.6	68.8	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 6000	38.9	64.5	67.3	68.9	70.0	70.1	70.2	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 5000	39.3	66.5	69.4	71.3	72.5	72.7	72.9	73.0	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 4500	40.1	67.3	70.3	72.2	73.4	73.5	73.7	73.8	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 4000	41.2	69.4	72.5	74.5	75.7	75.9	76.3	76.4	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 3500	41.7	70.8	74.1	76.1	77.4	77.6	77.9	78.1	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 3000	42.2	72.1	75.7	77.8	79.2	79.6	79.9	80.1	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 2500	42.7	73.5	77.3	79.6	81.2	81.5	81.9	82.1	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3
≥ 2000	43.0	74.3	78.3	80.7	82.4	82.8	83.2	83.5	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 1800	43.0	74.6	78.7	81.1	82.9	83.2	83.7	84.0	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2
≥ 1500	43.2	75.4	79.9	82.4	84.2	84.5	85.0	85.3	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 1200	43.3	76.6	81.4	84.2	86.2	86.6	87.1	87.4	87.5	87.6	87.7	87.7	87.7	87.7	87.7	87.7
≥ 1000	43.5	77.4	82.5	85.3	87.6	87.9	88.6	88.9	89.0	89.2	89.3	89.3	89.3	89.3	89.3	89.3
≥ 900	43.7	77.8	83.1	86.3	88.4	88.7	89.4	89.7	89.8	90.0	90.1	90.1	90.1	90.1	90.1	90.1
≥ 800	43.8	78.0	83.4	86.9	89.1	89.5	90.4	90.8	90.9	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 700	43.8	78.3	84.1	87.7	90.3	90.8	92.1	92.4	92.5	92.8	92.8	92.8	92.8	92.9	92.9	92.9
≥ 600	43.8	78.8	84.7	88.6	91.5	92.1	93.7	94.2	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 500	43.8	79.0	85.0	89.1	92.2	92.9	94.7	95.3	95.5	96.0	96.0	96.0	96.2	96.2	96.3	96.3
≥ 400	43.8	79.1	85.1	89.4	92.7	93.6	95.4	96.2	96.4	96.9	96.9	96.9	97.1	97.1	97.2	97.2
≥ 300	43.8	79.1	85.2	89.4	93.0	93.9	96.0	97.3	97.5	98.1	98.5	98.6	99.1	99.1	99.3	99.3
≥ 200	43.8	79.1	85.2	89.4	93.0	93.9	96.0	97.4	97.6	98.2	98.7	98.8	99.5	99.5	99.7	99.7
≥ 100	43.8	79.1	85.2	89.4	93.0	93.9	96.0	97.4	97.6	98.2	98.7	98.8	99.5	99.5	99.7	99.7
≥ 0	43.8	79.1	85.2	89.4	93.0	93.9	96.0	97.4	97.6	98.2	98.7	98.8	99.5	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS

2320

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13707
STATION

DOVER AFB DELAWARE
STATION NAME

43-46, 51-72
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LT ST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	29.1	42.0	42.7	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	42.0	43.0	43.0	43.0	43.0
≥ 20000	33.9	49.7	50.7	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 18000	33.9	49.9	50.9	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
≥ 16000	33.9	50.3	51.3	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 14000	34.1	50.9	51.9	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 12000	35.0	52.4	53.4	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
≥ 10000	36.9	56.1	57.3	58.2	58.3	58.3	58.3	58.3	58.3	58.4	58.4	58.4	58.4	58.5	58.5	58.5
≥ 9000	37.5	57.0	58.2	59.1	59.2	59.2	59.2	59.2	59.3	59.3	59.4	59.4	59.4	59.4	59.4	59.4
≥ 8000	38.7	59.8	61.1	62.2	62.3	62.3	62.3	62.3	62.4	62.4	62.5	62.5	62.5	62.5	62.5	62.5
≥ 7000	39.3	62.0	63.3	64.4	64.6	64.6	64.6	64.7	64.7	64.7	64.8	64.8	64.8	64.8	64.8	64.8
≥ 6000	40.0	63.5	65.0	66.2	66.3	66.3	66.4	66.5	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 5000	42.0	66.9	68.5	69.7	69.9	69.9	70.0	70.1	70.1	70.2	70.2	70.2	70.3	70.3	70.3	70.3
≥ 4500	43.1	68.7	70.3	71.5	71.7	71.7	71.7	71.8	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0
≥ 4000	45.0	72.0	74.1	75.5	75.8	75.8	75.9	76.0	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.2
≥ 3500	46.9	75.0	77.3	78.9	79.2	79.2	79.3	79.4	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6
≥ 3000	47.5	76.8	79.3	80.8	81.5	81.5	81.5	81.7	81.7	81.8	81.8	81.8	81.9	81.9	81.9	81.9
≥ 2500	48.7	78.6	81.1	82.7	83.4	83.5	83.6	83.7	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 2000	49.4	80.1	83.0	84.8	85.6	85.6	85.7	85.8	85.9	86.0	86.1	86.1	86.1	86.1	86.1	86.1
≥ 1800	49.6	80.6	83.5	85.4	86.1	86.2	86.3	86.4	86.5	86.6	86.7	86.7	86.7	86.7	86.7	86.7
≥ 1500	49.8	81.5	84.5	86.7	87.8	88.0	88.1	88.2	88.3	88.4	88.5	88.5	88.5	88.5	88.5	88.5
≥ 1200	50.0	82.7	86.0	88.4	89.6	89.9	90.2	90.4	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 1000	50.2	83.3	86.8	89.2	90.7	91.2	91.5	91.6	91.9	92.0	92.1	92.1	92.1	92.1	92.1	92.1
≥ 900	50.2	83.7	87.3	90.0	91.6	92.2	92.6	92.9	92.9	93.1	93.2	93.2	93.2	93.2	93.2	93.2
≥ 800	50.2	84.0	87.6	90.5	92.2	92.9	93.4	93.7	93.8	94.1	94.1	94.1	94.2	94.2	94.2	94.2
≥ 700	50.2	84.2	88.0	91.1	93.2	94.0	94.6	94.9	95.0	95.4	95.4	95.4	95.5	95.5	95.5	95.5
≥ 600	50.2	84.5	88.3	91.5	93.6	94.5	95.3	95.8	96.0	96.4	96.5	96.5	96.5	96.5	96.5	96.5
≥ 500	50.2	84.6	88.7	92.0	94.2	95.2	96.3	97.0	97.2	97.7	97.8	97.8	97.9	97.9	97.9	97.9
≥ 400	50.2	84.7	88.7	92.1	94.5	95.5	96.7	97.7	97.9	98.4	98.6	98.6	98.7	98.7	98.7	98.7
≥ 300	50.2	84.7	88.8	92.2	94.6	95.7	96.9	98.3	98.5	99.1	99.3	99.3	99.5	99.5	99.5	99.5
≥ 200	50.2	84.7	88.8	92.2	94.6	95.7	96.9	98.3	98.5	99.3	99.6	99.6	99.9	99.9	99.9	99.9
≥ 100	50.2	84.7	88.8	92.2	94.6	95.7	96.9	98.3	98.5	99.3	99.6	99.6	99.9	100.0	100.0	100.0
≥ 0	50.2	84.7	88.8	92.2	94.6	95.7	96.9	98.3	98.5	99.3	99.6	99.6	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2323

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13707
STATION

DOVER AFB DELAWARE
STATION NAME

43-46,51-72
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥3/16	≥1/8	≥0
NO CEILING	29.9	43.8	44.2	44.3	44.6	44.6	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 20000	36.5	53.1	54.0	54.3	54.5	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
IV 18000	36.5	53.5	54.4	54.7	55.0	55.0	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
IV 16000	36.8	54.0	55.0	55.4	55.6	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
IV 14000	37.0	54.5	55.6	55.9	56.1	56.1	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
IV 12000	38.3	56.8	58.0	58.3	58.5	58.5	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
IV 10000	40.2	60.0	61.4	61.8	62.0	62.1	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
IV 9000	40.5	60.7	62.1	62.5	62.7	62.8	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
IV 8000	41.5	63.2	64.8	65.2	65.5	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.8	65.8
IV 7000	42.2	65.5	67.5	68.1	68.5	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.8	68.8
IV 6000	43.6	67.6	69.6	70.2	70.7	70.8	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.1	71.1
IV 5000	45.5	70.8	73.3	73.9	74.5	74.7	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
IV 4500	45.8	71.5	73.9	74.7	75.4	75.5	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.8	75.8
IV 4000	47.4	74.7	77.5	78.4	79.3	79.5	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.8	79.8
IV 3500	48.4	76.8	79.8	80.8	81.9	82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.4	82.4
IV 3000	48.7	78.1	81.4	82.7	83.9	84.0	84.3	84.3	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4
IV 2500	49.1	79.2	82.7	84.0	85.4	85.5	85.9	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.1	86.1
IV 2000	49.7	80.3	84.0	85.5	87.0	87.3	87.7	87.7	87.7	87.9	87.9	87.9	87.9	87.9	87.9	87.9
IV 1800	49.7	80.5	84.1	85.7	87.3	87.6	88.0	88.0	88.0	88.3	88.3	88.3	88.3	88.3	88.4	88.4
IV 1500	50.0	81.1	84.8	86.8	88.5	88.9	89.4	89.4	89.4	89.6	89.6	89.6	89.6	89.7	89.7	89.7
IV 1200	50.1	81.8	85.7	87.8	89.9	90.4	91.0	91.1	91.1	91.3	91.3	91.4	91.4	91.5	91.5	91.5
IV 1000	50.1	82.2	86.2	88.4	90.9	91.5	92.2	92.3	92.3	92.6	92.6	92.6	92.6	92.7	92.7	92.7
IV 900	50.1	82.4	86.5	88.8	91.6	92.4	93.1	93.4	93.4	93.7	93.7	93.8	93.8	93.9	93.9	93.9
IV 800	50.1	82.4	86.7	89.1	92.1	92.9	93.7	94.0	94.0	94.4	94.5	94.5	94.6	94.6	94.6	94.6
IV 700	50.1	82.5	87.0	89.6	92.8	93.5	94.3	94.7	94.7	95.1	95.2	95.3	95.3	95.3	95.3	95.3
IV 600	50.1	82.6	87.1	90.0	93.5	94.3	95.4	96.0	96.1	96.5	96.7	96.8	96.9	96.9	96.9	96.9
IV 500	50.1	82.7	87.4	90.4	94.0	94.8	96.1	96.8	96.9	97.5	97.8	97.8	97.9	98.0	98.0	98.0
IV 400	50.2	82.7	87.5	90.6	94.3	95.2	96.5	97.4	97.5	98.2	98.5	98.6	98.7	98.8	98.8	98.8
IV 300	50.2	82.7	87.5	90.6	94.4	95.3	96.7	97.6	97.8	98.5	98.9	99.0	99.1	99.2	99.2	99.2
IV 200	50.2	82.7	87.5	90.6	94.5	95.4	96.8	97.7	98.0	98.7	99.2	99.3	99.4	99.5	99.5	99.6
IV 100	50.2	82.7	87.5	90.6	94.5	95.5	96.9	97.8	98.1	98.9	99.4	99.5	99.7	99.8	99.8	99.9
IV 0	50.2	82.7	87.5	90.6	94.5	95.5	96.9	97.8	98.1	98.9	99.4	99.5	99.7	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS. 2318

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13707
STATION

DUVER AFB DELAWARE
STATION NAME

43-46, 51-72
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	29.1	46.9	47.6	48.4	49.0	49.0	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
≥ 20000	33.2	54.1	55.2	56.3	56.9	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥ 18000	33.2	54.4	55.4	56.5	57.1	57.2	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 16000	33.2	55.0	56.0	57.2	57.8	57.9	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 14000	33.6	56.0	57.1	58.4	59.0	59.0	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
≥ 12000	34.5	57.8	58.9	60.3	60.9	60.9	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
≥ 10000	35.8	61.3	62.6	64.1	64.7	64.7	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 9000	36.1	62.2	63.5	65.0	65.7	65.8	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 8000	36.9	64.3	65.8	67.5	68.2	68.4	68.5	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 7000	37.9	66.9	68.4	70.5	71.3	71.5	71.6	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 6000	39.0	68.8	70.6	72.9	73.8	74.0	74.1	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 5000	40.7	72.1	73.8	76.4	77.4	77.6	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 4500	41.2	73.0	74.8	77.5	78.6	78.8	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 4000	41.9	75.0	77.2	80.2	81.5	81.7	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 3500	42.2	75.9	78.3	81.3	82.7	83.0	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 3000	42.3	76.6	79.2	82.5	84.1	84.4	85.0	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 2500	42.5	77.4	80.1	83.6	85.3	85.7	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 2000	42.7	77.9	80.8	84.3	86.1	86.3	87.1	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 1800	42.8	78.3	81.3	84.7	86.6	87.0	87.6	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 1500	42.8	78.6	81.6	85.2	87.4	87.8	88.5	88.9	88.9	89.1	89.2	89.2	89.2	89.2	89.2	89.2
≥ 1200	42.9	79.2	82.3	86.0	88.4	88.9	89.7	90.0	90.0	90.3	90.4	90.4	90.4	90.4	90.4	90.4
≥ 1000	43.0	79.7	83.0	86.9	89.7	90.1	91.1	91.4	91.4	91.9	92.0	92.0	92.0	92.0	92.0	92.0
≥ 900	43.0	80.0	83.4	87.4	90.3	90.8	91.8	92.2	92.2	92.8	92.9	92.9	93.0	93.0	93.0	93.0
≥ 800	43.0	80.3	83.7	87.8	91.0	91.5	92.6	93.1	93.1	93.8	94.0	94.0	94.0	94.0	94.0	94.0
≥ 700	43.0	80.5	83.9	88.1	91.3	91.8	93.1	93.8	93.8	94.5	94.7	94.7	94.7	94.7	94.7	94.7
≥ 600	43.0	80.6	84.1	88.3	91.9	92.4	93.8	94.5	94.5	95.4	95.7	95.7	95.7	95.7	95.7	95.7
≥ 500	43.0	80.7	84.2	88.5	92.2	92.8	94.5	95.3	95.4	96.3	96.8	96.8	96.9	96.9	96.9	96.9
≥ 400	43.0	80.7	84.3	88.6	92.4	93.0	94.7	95.7	95.8	96.9	97.3	97.4	97.5	97.5	97.5	97.5
≥ 300	43.0	80.8	84.4	88.7	92.6	93.2	95.0	96.2	96.3	97.6	98.1	98.1	98.4	98.4	98.4	98.4
≥ 200	43.0	80.8	84.4	88.8	92.7	93.3	95.1	96.4	96.8	98.1	98.6	98.8	99.0	99.0	99.1	99.1
≥ 100	43.0	80.8	84.4	88.8	92.7	93.3	95.1	96.4	96.8	98.1	98.8	99.1	99.5	99.5	99.7	99.7
≥ 0	43.0	80.8	84.4	88.8	92.7	93.3	95.1	96.4	96.8	98.1	98.8	99.1	99.5	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 2320

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13707
STATION

DUVER AFB DELAWARE
STATION NAME

43-46,51-72
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	29.9	50.4	52.5	53.5	54.5	54.6	54.7	54.9	55.0	55.0	55.1	55.1	55.1	55.1	55.1	55.1
≥ 20000	31.2	53.8	56.1	57.4	58.5	58.6	58.7	59.0	59.0	59.1	59.1	59.1	59.1	59.2	59.2	59.2
IV ≥ 18000	31.2	53.8	56.1	57.4	58.5	58.6	58.7	59.0	59.0	59.1	59.1	59.1	59.1	59.2	59.2	59.2
IV ≥ 16000	31.3	54.0	56.3	57.6	58.8	58.9	59.0	59.2	59.3	59.3	59.4	59.4	59.5	59.5	59.5	59.5
IV ≥ 14000	31.5	55.1	57.4	58.9	60.1	60.2	60.4	60.6	60.7	60.7	60.8	60.8	60.8	60.8	60.8	60.8
IV ≥ 12000	32.0	56.5	58.9	60.5	61.7	61.9	62.0	62.3	62.3	62.4	62.4	62.4	62.5	62.5	62.5	62.5
IV ≥ 10000	32.9	59.9	62.4	64.2	65.4	65.5	65.7	65.9	66.0	66.0	66.1	66.1	66.1	66.1	66.1	66.1
IV ≥ 9000	33.8	61.6	64.2	66.1	67.3	67.4	67.7	67.9	68.0	68.0	68.0	68.0	68.1	68.1	68.1	68.1
IV ≥ 8000	34.8	64.3	67.1	69.1	70.6	70.7	70.9	71.2	71.2	71.2	71.3	71.3	71.4	71.4	71.4	71.4
IV ≥ 7000	35.8	66.5	69.4	71.7	73.2	73.3	73.6	73.8	73.9	73.9	74.0	74.0	74.1	74.1	74.1	74.1
IV ≥ 6000	36.6	68.4	71.4	73.9	75.4	75.6	75.8	76.1	76.1	76.2	76.2	76.2	76.3	76.3	76.3	76.3
IV ≥ 5000	37.4	71.1	74.3	77.0	78.6	78.8	79.1	79.3	79.4	79.4	79.4	79.4	79.5	79.5	79.5	79.5
IV ≥ 4500	37.9	72.1	75.7	78.6	80.2	80.4	80.7	80.9	81.0	81.0	81.0	81.0	81.1	81.1	81.1	81.1
IV ≥ 4000	38.3	73.2	76.9	79.9	81.7	82.0	82.3	82.5	82.6	82.6	82.6	82.6	82.7	82.7	82.7	82.7
IV ≥ 3500	38.3	73.9	77.6	80.8	82.6	82.8	83.1	83.4	83.4	83.5	83.5	83.5	83.6	83.6	83.6	83.6
IV ≥ 3000	38.6	74.7	78.6	82.0	84.0	84.2	84.6	84.8	84.9	84.9	85.0	85.0	85.1	85.1	85.1	85.1
IV ≥ 2500	38.6	75.2	79.2	82.8	84.9	85.1	85.5	85.8	85.9	85.9	86.0	86.0	86.1	86.1	86.1	86.1
IV ≥ 2000	38.7	75.5	79.6	83.2	85.6	85.9	86.4	86.7	86.7	86.8	86.8	86.8	86.9	86.9	86.9	86.9
IV ≥ 1800	38.8	75.8	79.8	83.5	85.9	86.3	86.8	87.1	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3
IV ≥ 1500	38.8	76.2	80.4	84.1	86.8	87.2	87.9	88.2	88.3	88.3	88.4	88.4	88.5	88.5	88.6	88.6
IV ≥ 1200	38.8	76.9	81.0	84.8	88.0	88.4	89.1	89.5	89.6	89.6	89.7	89.7	89.8	89.8	89.9	89.9
IV ≥ 1000	38.9	77.5	81.8	85.7	89.0	89.5	90.3	90.8	90.8	91.3	91.3	91.3	91.5	91.5	91.6	91.6
IV ≥ 900	38.9	77.8	82.1	86.2	89.8	90.3	91.1	91.6	91.7	92.1	92.2	92.2	92.4	92.4	92.4	92.4
IV ≥ 800	38.9	78.1	82.4	86.6	90.2	90.7	91.7	92.2	92.3	92.7	92.8	92.8	93.0	93.0	93.0	93.0
IV ≥ 700	38.9	78.2	82.6	86.9	90.7	91.2	92.3	92.9	93.0	93.4	93.5	93.5	93.7	93.7	93.7	93.7
IV ≥ 600	38.9	78.5	82.9	87.3	91.3	91.9	93.3	93.9	94.0	94.5	94.5	94.5	94.7	94.7	94.8	94.8
IV ≥ 500	38.9	78.7	83.3	88.0	92.1	92.7	94.3	95.0	95.1	95.7	95.7	95.7	95.9	95.9	96.0	96.0
IV ≥ 400	38.9	78.7	83.3	88.1	92.4	93.3	94.9	95.8	96.0	96.7	96.8	96.8	96.9	96.9	97.0	97.0
IV ≥ 300	38.9	78.8	83.5	88.4	93.0	93.9	95.7	96.8	97.0	97.8	97.8	97.8	98.0	98.0	98.1	98.1
IV ≥ 200	38.9	78.8	83.6	88.4	93.1	94.0	95.8	97.0	97.2	98.1	98.3	98.3	98.5	98.5	98.6	98.6
IV ≥ 100	38.9	78.8	83.6	88.4	93.1	94.0	95.8	97.1	97.2	98.1	98.4	98.4	98.8	98.8	99.1	99.4
IV ≥ 0	38.9	78.8	83.6	88.4	93.1	94.0	95.8	97.1	97.2	98.1	98.4	98.4	98.8	98.9	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 2316

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13707
STATION

DOVER AFB DELAWARE
STATION NAME

43-46,51-72
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	26.1	47.5	49.6	52.0	53.3	53.4	53.8	54.1	54.2	54.4	54.4	54.5	54.5	54.5	54.7	54.8
≥ 20000	28.1	50.6	52.9	55.2	56.6	56.8	57.1	57.4	57.5	57.7	57.7	57.9	57.9	58.1	58.1	58.2
IV 18000	28.1	50.6	52.9	55.3	56.7	56.8	57.2	57.5	57.6	57.8	57.8	57.9	57.9	58.1	58.2	58.3
IV 16000	28.1	50.7	53.0	55.4	56.8	57.0	57.4	57.6	57.7	57.9	57.9	58.0	58.1	58.3	58.4	58.4
IV 14000	28.6	52.0	54.3	56.9	58.4	58.6	59.0	59.3	59.4	59.6	59.6	59.6	59.7	59.9	60.0	60.1
IV 12000	29.4	53.7	56.3	58.9	60.5	60.6	61.1	61.4	61.5	61.7	61.7	61.8	61.8	62.0	62.1	62.2
IV 10000	31.3	57.4	60.1	62.8	64.5	64.7	65.3	65.6	65.7	66.0	66.0	66.1	66.2	66.4	66.5	66.5
IV 9000	31.8	58.4	61.3	64.0	65.9	66.0	66.6	67.0	67.0	67.5	67.5	67.5	67.6	67.8	67.9	68.0
IV 8000	33.1	61.5	64.5	67.4	69.4	69.5	70.2	70.5	70.6	71.0	71.0	71.1	71.2	71.4	71.4	71.5
IV 7000	34.5	64.5	67.7	70.9	72.9	73.1	73.8	74.1	74.2	74.6	74.6	74.7	74.8	75.0	75.1	75.1
IV 6000	34.8	65.2	68.7	71.8	73.8	74.1	74.8	75.2	75.3	75.7	75.7	75.8	75.8	76.0	76.1	76.2
IV 5000	35.2	66.9	71.0	74.4	76.6	76.9	77.6	78.0	78.1	78.6	78.6	78.6	78.7	78.9	79.0	79.1
IV 4500	35.5	67.3	71.6	75.1	77.4	77.7	78.4	78.8	78.9	79.3	79.3	79.4	79.5	79.7	79.8	79.8
IV 4000	35.9	68.1	72.4	76.2	78.8	79.1	80.0	80.3	80.4	80.9	80.9	81.0	81.0	81.2	81.3	81.4
IV 3500	36.2	68.8	73.2	77.2	79.8	80.1	81.0	81.3	81.4	81.9	81.9	82.0	82.0	82.2	82.3	82.4
IV 3000	36.2	69.3	74.0	78.1	80.9	81.2	82.0	82.4	82.5	82.9	82.9	83.0	83.0	83.3	83.3	83.4
IV 2500	36.3	69.8	74.5	78.9	81.8	82.0	82.9	83.3	83.4	83.8	83.8	83.9	84.0	84.2	84.2	84.3
IV 2000	36.5	70.4	75.3	79.8	82.9	83.3	84.2	84.7	84.7	85.2	85.2	85.3	85.4	85.6	85.7	85.7
IV 1800	36.6	70.7	75.7	80.2	83.3	83.7	84.7	85.2	85.3	85.8	85.8	85.9	86.0	86.2	86.2	86.3
IV 1500	36.6	71.3	76.4	81.0	84.2	84.7	85.7	86.2	86.3	86.8	86.8	86.9	86.9	87.2	87.2	87.3
IV 1200	36.6	71.7	76.9	81.5	85.1	85.5	86.6	87.1	87.2	87.8	87.8	87.9	87.9	88.1	88.2	88.3
IV 1000	36.7	72.0	77.4	82.1	86.0	86.4	87.6	88.2	88.2	88.9	88.9	89.0	89.1	89.3	89.4	89.4
IV 900	36.8	72.2	77.6	82.4	86.4	86.9	88.1	88.6	88.7	89.4	89.4	89.5	89.5	89.7	89.8	89.9
IV 800	36.8	72.6	78.2	83.2	87.2	87.7	88.9	89.5	89.6	90.3	90.3	90.4	90.4	90.6	90.7	90.8
IV 700	36.8	72.8	78.5	83.6	87.7	88.2	89.6	90.2	90.3	91.0	91.0	91.1	91.1	91.4	91.4	91.5
IV 600	36.8	72.9	78.9	84.1	88.5	89.2	90.8	91.5	91.6	92.3	92.3	92.4	92.4	92.7	92.8	92.9
IV 500	36.8	72.9	79.0	84.3	89.0	90.0	91.6	92.7	92.8	93.6	93.6	93.7	93.8	94.1	94.2	94.3
IV 400	36.8	73.0	79.2	84.7	89.7	90.8	92.6	93.6	93.7	94.8	94.8	94.9	95.1	95.3	95.4	95.5
IV 300	36.8	73.2	79.4	84.9	89.9	91.2	93.2	94.6	94.7	95.9	96.0	96.1	96.3	96.6	96.7	96.8
IV 200	36.8	73.2	79.4	85.0	90.1	91.4	93.5	95.1	95.3	96.8	97.0	97.2	97.5	97.8	98.0	98.2
IV 100	36.8	73.2	79.4	85.0	90.1	91.4	93.5	95.1	95.3	97.0	97.3	97.5	98.1	98.5	98.8	99.0
IV 0	36.8	73.2	79.4	85.0	90.1	91.4	93.5	95.1	95.3	97.0	97.3	97.5	98.2	98.6	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2406

USAF ETAC FORM 6-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

13707
STATION

DOVER AFB DELAWARE
STATION NAME

43-46, 51-72
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS TEST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING	20.9	41.2	44.1	46.6	48.3	48.8	49.5	49.9	49.9	50.1	50.4	50.4	50.6	50.6	50.8	51.0
≥ 20000	22.3	44.1	47.1	49.7	51.5	52.1	52.8	53.4	53.4	53.6	53.9	54.0	54.2	54.2	54.4	54.7
≥ 18000	22.3	44.1	47.1	49.8	51.7	52.2	52.9	53.5	53.6	53.7	54.1	54.1	54.3	54.4	54.5	54.8
IV 16000	22.4	44.3	47.3	50.0	51.9	52.4	53.1	53.7	53.8	53.9	54.3	54.3	54.5	54.6	54.7	55.0
IV 14000	22.5	45.3	48.3	51.0	53.1	53.6	54.4	54.9	55.0	55.3	55.6	55.7	55.9	55.9	56.1	56.4
IV 12000	23.8	47.3	50.5	53.3	55.4	56.0	56.8	57.4	57.5	57.7	58.1	58.1	58.3	58.4	58.5	58.8
IV 10000	25.4	51.0	54.6	57.7	60.0	60.7	61.5	62.2	62.2	62.6	63.0	63.0	63.2	63.3	63.4	63.7
IV 9000	26.1	52.7	56.3	59.4	61.7	62.4	63.3	63.9	64.0	64.4	64.8	64.9	65.1	65.1	65.3	65.6
IV 8000	27.4	54.8	58.7	62.0	64.5	65.2	66.1	66.7	66.8	67.2	67.6	67.6	67.8	67.9	68.0	68.3
IV 7000	28.3	57.4	61.5	65.5	68.2	68.9	69.8	70.5	70.5	70.9	71.3	71.4	71.6	71.6	71.8	72.1
IV 6000	28.8	58.4	62.7	66.8	69.6	70.4	71.3	72.0	72.0	72.4	72.8	72.9	73.1	73.1	73.3	73.6
IV 5000	29.2	60.0	64.5	69.0	71.9	72.7	73.7	74.4	74.4	74.8	75.2	75.3	75.5	75.6	75.7	76.0
IV 4500	29.2	60.3	64.9	69.6	72.6	73.4	74.4	75.1	75.2	75.6	76.1	76.1	76.3	76.4	76.6	76.8
IV 4000	29.6	61.3	66.0	70.9	74.0	74.9	75.9	76.7	76.8	77.2	77.7	77.7	77.9	78.0	78.2	78.5
IV 3500	29.9	62.2	67.1	72.0	75.3	76.1	77.2	78.0	78.1	78.5	79.0	79.0	79.5	79.5	79.5	79.8
IV 3000	29.9	62.7	67.7	72.7	76.1	77.1	78.2	79.0	79.1	79.6	80.0	80.1	80.7	80.7	80.5	80.8
IV 2500	30.0	63.4	68.5	73.7	77.2	78.1	79.3	80.1	80.2	80.7	81.2	81.2	81.5	81.5	81.7	82.0
IV 2000	30.2	64.0	69.3	74.5	78.3	79.4	80.7	81.6	81.7	82.2	82.7	82.7	82.9	83.0	83.2	83.5
IV 1800	30.2	64.2	69.5	74.8	78.7	79.8	81.1	82.0	82.1	82.6	83.1	83.2	83.4	83.4	83.6	83.9
IV 1500	30.2	64.6	69.9	75.3	79.3	80.4	81.8	82.9	82.9	83.5	84.0	84.0	84.2	84.3	84.5	84.8
IV 1200	30.4	65.4	70.7	76.1	80.2	81.3	82.9	83.9	84.0	84.6	85.1	85.1	85.4	85.4	85.6	85.9
IV 1000	30.4	65.9	71.3	76.8	81.1	82.3	84.1	85.2	85.3	85.9	86.5	86.5	86.7	86.8	87.0	87.3
IV 900	30.6	66.2	71.9	77.4	81.8	83.1	84.9	86.0	86.1	86.7	87.3	87.3	87.5	87.6	87.8	88.0
IV 800	30.7	66.4	72.2	77.8	82.4	83.7	85.6	86.8	86.8	87.5	88.0	88.1	88.3	88.4	88.5	88.8
IV 700	30.7	66.9	72.8	78.6	83.3	84.7	86.7	87.9	88.0	88.6	89.2	89.2	89.4	89.5	89.7	90.0
IV 600	30.7	67.2	73.3	79.3	84.2	85.2	88.0	89.2	89.3	90.0	90.6	90.7	90.9	91.0	91.2	91.5
IV 500	30.7	67.3	73.5	79.8	85.1	86.8	89.1	90.5	90.7	91.5	92.2	92.2	92.5	92.7	92.8	93.1
IV 400	30.7	67.4	73.6	80.1	85.8	87.6	90.3	91.8	92.0	93.1	93.8	93.8	94.1	94.3	94.6	94.9
IV 300	30.7	67.5	73.7	80.2	86.1	88.0	91.0	92.8	93.0	94.3	95.0	95.0	95.4	95.6	95.9	96.3
IV 200	30.7	67.5	73.7	80.2	86.3	88.2	91.5	93.4	93.7	95.1	95.8	95.9	96.5	96.7	97.2	97.6
IV 100	30.7	67.5	73.7	80.2	86.3	88.2	91.5	93.5	93.8	95.3	96.1	96.3	97.0	97.3	98.0	98.5
IV 0	30.7	67.5	73.7	80.2	86.3	88.2	91.5	93.5	93.8	95.3	96.1	96.3	97.1	97.5	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS

2410

USAF ETAC

FORM
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13707
STATION

DOVER AFB DELAWARE
STATION NAME

43-46,51-72
TEAMS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	21.7	41.1	43.6	45.3	46.5	46.8	47.0	47.3	47.3	47.4	47.5	47.5	47.5	47.5	47.5	47.7
≥ 20000	23.2	45.2	48.4	50.5	52.0	52.5	52.7	53.0	53.0	53.1	53.2	53.2	53.3	53.3	53.3	53.5
≥ 18000	23.2	45.3	48.4	50.6	52.1	52.5	52.8	53.1	53.1	53.2	53.3	53.3	53.4	53.4	53.4	53.6
≥ 16000	23.3	45.4	48.6	50.8	52.3	52.7	53.0	53.2	53.2	53.4	53.5	53.5	53.5	53.5	53.5	53.8
≥ 14000	23.7	46.5	49.8	52.0	53.5	53.9	54.2	54.5	54.5	54.6	54.7	54.7	54.7	54.7	54.7	55.0
≥ 12000	25.0	48.8	52.2	54.6	56.2	56.6	56.9	57.2	57.2	57.3	57.4	57.4	57.4	57.4	57.4	57.7
≥ 10000	26.2	52.2	55.9	58.7	60.4	60.9	61.3	61.5	61.5	61.6	61.8	61.8	61.8	61.8	61.8	62.1
≥ 9000	26.9	53.7	57.5	60.4	62.3	62.8	63.1	63.4	63.4	63.6	63.7	63.7	63.7	63.7	63.7	64.0
≥ 8000	28.1	56.4	60.6	63.6	65.6	66.1	66.4	66.7	66.7	66.8	67.0	67.0	67.0	67.0	67.0	67.3
≥ 7000	28.7	58.2	62.6	66.0	67.9	68.6	69.0	69.3	69.3	69.4	69.6	69.6	69.6	69.6	69.6	69.8
≥ 6000	29.2	59.2	63.8	67.5	69.6	70.3	70.8	71.0	71.0	71.2	71.3	71.3	71.3	71.3	71.3	71.6
≥ 5000	30.0	61.0	65.9	69.9	72.3	73.0	73.5	73.8	73.8	74.0	74.1	74.1	74.1	74.1	74.1	74.4
≥ 4500	30.2	61.6	66.5	70.5	73.0	73.6	74.2	74.5	74.5	74.7	74.8	74.8	74.8	74.8	74.8	75.1
≥ 4000	30.4	62.4	67.3	71.4	74.0	74.7	75.3	75.7	75.7	75.8	75.9	75.9	76.0	76.0	76.0	76.2
≥ 3500	30.8	62.9	67.9	72.0	74.9	75.6	76.3	76.6	76.6	76.7	76.9	76.9	76.9	76.9	76.9	77.2
≥ 3000	31.1	63.9	69.0	73.3	76.4	77.1	78.0	78.4	78.4	78.6	78.7	78.7	78.7	78.7	78.7	79.0
≥ 2500	31.2	64.4	69.6	74.0	77.2	78.0	78.9	79.3	79.3	79.5	79.6	79.6	79.7	79.7	79.7	79.9
≥ 2000	31.4	65.2	70.6	75.2	78.5	79.2	80.2	80.7	80.7	80.8	80.9	81.0	81.0	81.0	81.0	81.3
≥ 1800	31.4	65.3	70.7	75.4	78.7	79.3	80.5	80.9	80.9	81.1	81.2	81.2	81.3	81.3	81.3	81.6
≥ 1500	31.7	66.3	71.9	76.7	80.0	80.8	81.9	82.3	82.3	82.5	82.6	82.7	82.7	82.7	82.7	83.0
≥ 1200	31.7	67.4	73.2	78.2	81.7	82.6	83.7	84.1	84.1	84.3	84.4	84.4	84.5	84.5	84.5	84.8
≥ 1000	32.2	68.4	74.3	79.5	83.3	84.2	85.5	86.0	86.0	86.3	86.4	86.4	86.6	86.6	86.6	86.8
≥ 900	32.4	69.2	75.2	80.6	84.4	85.3	86.8	87.4	87.4	87.6	87.7	87.8	87.9	87.9	87.9	88.1
≥ 800	32.5	69.7	76.0	81.4	85.6	86.5	88.1	88.9	88.9	89.4	89.5	89.5	89.7	89.7	89.7	90.0
≥ 700	32.6	70.2	76.7	82.2	86.5	87.5	89.3	90.0	90.1	90.6	90.7	90.7	91.0	91.0	91.0	91.3
≥ 600	32.6	70.3	77.1	82.7	87.3	88.4	90.3	91.2	91.3	91.8	92.0	92.0	92.3	92.4	92.4	92.7
≥ 500	32.6	70.4	77.3	83.2	87.9	89.1	91.5	92.4	92.7	93.4	93.6	93.6	94.0	94.1	94.1	94.3
≥ 400	32.6	70.5	77.5	83.6	88.4	89.8	92.5	93.6	93.9	94.8	95.0	95.1	95.5	95.6	95.7	95.9
≥ 300	32.6	70.6	77.5	83.7	88.9	90.3	93.1	94.5	94.8	95.9	96.2	96.2	96.7	96.9	97.0	97.2
≥ 200	32.6	70.6	77.5	83.7	88.9	90.3	93.2	94.8	95.2	96.2	96.8	97.0	97.5	97.9	98.1	98.4
≥ 100	32.6	70.6	77.5	83.7	88.9	90.3	93.2	94.9	95.2	96.3	96.9	97.1	97.9	98.4	98.8	99.3
≥ 0	32.6	70.6	77.5	83.7	88.9	90.3	93.2	94.9	95.2	96.3	96.9	97.1	97.9	98.4	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2404

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12707
STATION

DOVER AFB DELAWARE
STATION NAME

43-46,51-72
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING	29.6	44.8	46.2	46.6	46.9	46.9	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
≥ 20000	33.5	51.3	53.0	53.8	54.2	54.3	54.4	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
≥ 18000	33.5	51.4	53.1	53.9	54.2	54.4	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
≥ 16000	33.8	52.0	53.7	54.5	54.8	55.0	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥ 14000	34.1	52.9	54.6	55.4	55.7	55.9	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 12000	34.0	54.5	56.4	57.2	57.5	57.7	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 10000	36.6	58.1	60.1	61.1	61.6	61.7	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 9000	37.3	59.4	61.4	62.4	63.0	63.2	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 8000	38.2	61.8	63.9	65.1	65.7	65.8	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 7000	39.0	63.7	66.0	67.2	67.8	67.9	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 6000	39.5	65.3	67.7	68.9	69.7	69.9	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 5000	40.2	67.1	69.7	71.0	72.0	72.1	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 4500	40.5	67.9	70.5	71.9	72.9	73.0	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 4000	41.3	69.2	72.0	73.4	74.5	74.6	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 3500	41.8	70.3	73.3	74.7	75.8	75.9	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 3000	42.8	72.4	75.5	77.0	78.1	78.3	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 2500	43.3	73.5	76.7	78.4	79.5	79.7	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 2000	44.2	75.7	79.0	80.8	82.1	82.3	82.6	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 1800	44.3	76.1	79.4	81.3	82.8	83.0	83.3	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 1500	44.5	77.4	81.0	83.1	84.7	84.9	85.3	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 1200	44.8	79.1	83.1	85.4	87.1	87.3	87.8	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 1000	45.0	80.5	84.8	87.1	89.1	89.4	90.0	90.3	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 900	45.0	80.9	85.3	87.7	89.8	90.2	90.9	91.4	91.4	91.5	91.5	91.5	91.6	91.6	91.6	91.6
≥ 800	45.0	81.6	86.1	88.5	90.6	91.2	92.0	92.5	92.5	92.8	92.8	92.8	92.9	92.9	92.9	92.9
≥ 700	45.0	82.1	86.7	89.4	91.8	92.4	93.3	94.0	94.0	94.3	94.4	94.4	94.5	94.5	94.5	94.5
≥ 600	45.0	82.4	87.3	90.2	92.8	93.6	94.7	95.4	95.5	95.9	96.0	96.0	96.1	96.1	96.1	96.1
≥ 500	45.0	82.8	87.8	90.8	93.7	94.5	95.9	96.8	96.8	97.5	97.5	97.6	97.7	97.7	97.7	97.7
≥ 400	45.0	82.8	87.9	91.1	94.1	95.1	96.6	97.6	97.7	98.4	98.5	98.6	98.7	98.7	98.7	98.7
≥ 300	45.0	82.9	88.1	91.3	94.4	95.4	97.0	98.2	98.3	99.2	99.4	99.4	99.5	99.5	99.5	99.5
≥ 200	45.0	83.0	88.1	91.3	94.5	95.5	97.1	98.3	98.4	99.3	99.6	99.8	99.9	100.0	100.0	100.0
≥ 100	45.0	83.0	88.1	91.3	94.5	95.5	97.1	98.3	98.4	99.3	99.6	99.8	99.9	100.0	100.0	100.0
≥ 0	45.0	83.0	88.1	91.3	94.5	95.5	97.1	98.3	98.4	99.3	99.6	99.8	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS... 2402

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13707
STATION

DOVER AFB DELAWARE
STATION NAME

43-46,51-72
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	32.1	44.8	45.5	45.8	46.0	46.1	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
≥ 20000	36.8	52.6	53.6	54.1	54.4	54.5	54.7	54.7	54.7	54.7	54.7	54.8	54.8	54.8	54.8	54.8
≥ 18000	36.9	52.9	53.9	54.4	54.7	54.8	55.0	55.0	55.0	55.0	55.1	55.1	55.1	55.1	55.1	55.1
IV ≥ 15000	37.1	53.0	54.0	54.5	54.8	54.9	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥ 14000	37.8	54.3	55.2	55.8	56.0	56.2	56.4	56.4	56.4	56.4	56.5	56.5	56.5	56.5	56.5	56.5
IV ≥ 12000	38.8	56.5	57.6	58.2	58.5	58.7	58.9	58.9	58.9	58.9	59.0	59.0	59.0	59.0	59.0	59.0
≥ 10000	40.3	59.5	60.6	61.3	61.7	61.8	62.0	62.0	62.0	62.0	62.1	62.1	62.1	62.1	62.1	62.1
IV ≥ 9000	40.9	60.4	61.6	62.3	62.7	62.9	63.1	63.1	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.2
≥ 8000	41.8	62.6	63.9	64.8	65.2	65.4	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
IV ≥ 7000	42.6	64.5	65.8	66.7	67.2	67.4	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 6000	43.0	65.6	67.0	68.1	68.7	69.0	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
IV ≥ 5000	44.5	68.3	69.9	71.2	71.8	72.2	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 4500	45.0	69.4	71.2	72.6	73.1	73.5	73.8	73.8	73.8	73.8	73.9	73.9	73.9	73.9	73.9	73.9
IV ≥ 4000	47.1	72.5	74.6	76.0	76.6	76.9	77.2	77.2	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3
≥ 3500	48.0	74.4	76.6	78.1	78.7	79.1	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
IV ≥ 3000	50.2	78.2	80.6	82.3	83.0	83.4	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 2500	51.5	80.8	83.2	85.1	85.8	86.1	86.5	86.5	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.6
IV ≥ 2000	52.2	83.3	85.9	88.2	88.9	89.4	89.8	89.9	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0
≥ 1800	52.2	83.6	86.3	88.7	89.4	89.9	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
IV ≥ 1500	52.5	84.6	87.8	90.3	91.1	91.6	92.2	92.3	92.3	92.3	92.5	92.5	92.5	92.5	92.5	92.5
≥ 1200	52.7	84.9	88.3	90.9	91.8	92.3	93.0	93.1	93.1	93.2	93.3	93.3	93.3	93.3	93.3	93.3
IV ≥ 1000	52.7	85.7	89.1	91.9	93.2	93.8	94.5	94.8	94.8	95.0	95.1	95.1	95.1	95.1	95.1	95.1
≥ 900	52.7	86.1	89.6	92.5	93.8	94.5	95.3	95.5	95.5	95.7	95.8	95.8	95.8	95.8	95.8	95.8
IV ≥ 800	52.7	86.3	90.1	93.0	94.5	95.2	96.1	96.5	96.5	96.8	96.9	96.9	96.9	96.9	96.9	96.9
≥ 700	52.7	86.5	90.3	93.3	94.9	95.7	96.5	97.0	97.0	97.3	97.5	97.5	97.5	97.5	97.5	97.5
IV ≥ 600	52.7	86.6	90.5	93.5	95.2	96.0	97.0	97.5	97.6	97.9	98.0	98.0	98.0	98.0	98.0	98.0
≥ 500	52.7	86.7	90.7	93.8	95.6	96.7	97.7	98.3	98.4	98.8	98.9	98.9	98.9	98.9	98.9	98.9
IV ≥ 400	52.7	86.7	90.7	93.9	95.9	97.0	98.2	98.9	99.0	99.3	99.5	99.5	99.5	99.5	99.5	99.5
≥ 300	52.7	86.7	90.8	94.0	96.0	97.2	98.4	99.1	99.3	99.6	99.8	99.8	99.8	99.8	99.8	99.8
IV ≥ 200	52.7	86.7	90.8	94.1	96.1	97.3	98.5	99.3	99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	52.7	86.7	90.8	94.1	96.1	97.3	98.5	99.3	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0
IV ≥ 0	52.7	86.7	90.8	94.1	96.1	97.3	98.5	99.3	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2402

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13707
STATION

DUVER AFB DELAWARE
STATION NAME

43-46, 51-72
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS U.S.T.

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	32.0	45.2	46.0	46.5	46.6	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
≥ 20000	38.5	55.0	56.2	56.8	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 18000	38.7	55.3	56.6	57.1	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.5	57.5	57.5
≥ 16000	38.7	55.5	56.7	57.3	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
≥ 14000	39.6	56.7	58.0	58.7	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 12000	40.9	59.2	60.6	61.3	61.7	61.8	61.8	61.8	61.8	61.8	61.9	61.9	61.9	61.9	61.9	61.9
≥ 10000	42.4	62.0	63.6	64.3	64.8	64.8	64.9	64.9	64.9	64.9	65.0	65.0	65.0	65.0	65.0	65.0
≥ 9000	43.2	63.7	65.3	66.1	66.7	66.7	66.8	66.8	66.8	66.8	66.9	66.9	66.9	66.9	66.9	66.9
≥ 8000	44.8	67.2	68.9	69.7	70.3	70.4	70.5	70.5	70.5	70.5	70.6	70.6	70.7	70.7	70.7	70.7
≥ 7000	46.2	69.7	71.5	72.4	73.0	73.0	73.2	73.2	73.2	73.2	73.3	73.3	73.4	73.4	73.4	73.4
≥ 6000	46.7	70.8	72.7	73.7	74.4	74.4	74.6	74.6	74.6	74.7	74.7	74.7	74.8	74.8	74.8	74.8
≥ 5000	48.0	73.0	75.3	76.4	77.0	77.1	77.2	77.3	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4
≥ 4500	48.8	74.4	76.8	78.0	78.6	78.7	78.8	78.9	78.9	78.9	78.9	78.9	79.0	79.0	79.0	79.0
≥ 4000	49.6	76.4	78.9	80.1	80.8	80.9	81.0	81.0	81.0	81.1	81.1	81.1	81.2	81.2	81.2	81.2
≥ 3500	50.6	78.4	81.1	82.5	83.3	83.3	83.4	83.5	83.5	83.5	83.6	83.6	83.6	83.6	83.6	83.6
≥ 3000	52.0	80.9	83.9	85.4	86.2	86.4	86.4	86.4	86.4	86.5	86.6	86.6	86.6	86.6	86.6	86.6
≥ 2500	52.9	82.8	86.0	87.5	88.1	88.6	88.8	88.8	88.8	88.9	89.0	89.0	89.1	89.1	89.1	89.1
≥ 2000	53.3	84.6	88.0	89.6	90.8	91.1	91.1	91.1	91.1	91.2	91.3	91.3	91.4	91.4	91.4	91.4
≥ 1800	53.3	84.9	88.3	90.1	91.2	91.3	91.7	91.7	91.7	91.8	91.9	91.9	92.0	92.0	92.0	92.0
≥ 1500	53.4	85.4	89.0	90.8	92.1	92.4	92.8	92.9	92.9	92.9	93.1	93.1	93.1	93.1	93.1	93.1
≥ 1200	53.4	85.8	89.4	91.6	93.0	93.3	93.9	94.1	94.1	94.1	94.3	94.3	94.4	94.4	94.4	94.4
≥ 1000	53.4	86.2	90.1	92.4	93.9	94.3	95.1	95.3	95.3	95.3	95.5	95.5	95.6	95.6	95.6	95.6
≥ 900	53.4	86.4	90.3	92.6	94.2	94.8	95.5	95.8	95.8	95.9	96.1	96.1	96.2	96.2	96.2	96.2
≥ 800	53.5	86.8	90.9	93.3	94.9	95.5	96.4	96.7	96.7	96.9	97.1	97.1	97.3	97.3	97.3	97.3
≥ 700	53.6	87.1	91.2	93.6	95.3	95.9	96.8	97.1	97.1	97.4	97.5	97.5	97.7	97.7	97.7	97.7
≥ 600	53.6	87.3	91.4	93.8	95.7	96.3	97.3	97.6	97.6	97.9	98.0	98.0	98.2	98.2	98.2	98.2
≥ 500	53.6	87.4	91.5	93.9	96.0	96.5	97.6	98.0	98.0	98.3	98.6	98.6	98.8	98.8	98.8	98.8
≥ 400	53.6	87.5	91.6	94.0	96.1	96.7	98.0	98.4	98.5	98.8	99.0	99.0	99.3	99.3	99.3	99.3
≥ 300	53.6	87.5	91.6	94.0	96.2	96.8	98.1	98.5	98.6	99.0	99.3	99.3	99.7	99.7	99.7	99.7
≥ 200	53.6	87.5	91.6	94.0	96.2	96.8	98.1	98.5	98.6	99.0	99.3	99.3	99.7	99.7	99.7	99.7
≥ 100	53.6	87.5	91.6	94.0	96.2	96.8	98.1	98.5	98.6	99.0	99.3	99.3	99.8	99.8	99.8	99.8
≥ 0	53.6	87.5	91.6	94.0	96.2	96.8	98.1	98.5	98.6	99.0	99.3	99.3	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2403

3

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13707

DOVER AFB DELAWARE

43-46,51-72

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2 1/2	≥2	≥1 1/2	≥1 1/4	≥1	≥3/4	≥3/8	≥1/2	≥5/16	≥1/4	≥0
NO CEILING	29.4	46.5	47.7	48.2	48.6	48.7	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
≥ 20000	34.8	55.5	57.0	57.8	58.3	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.6	58.6	58.6
≥ 18000	34.9	55.8	57.3	58.1	58.6	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.9	58.9	58.9
≥ 16000	34.9	55.8	57.3	58.2	58.7	58.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	59.0	59.0
≥ 14000	35.6	56.9	58.5	59.3	59.9	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.2	60.2	60.2
≥ 12000	37.1	59.4	61.2	62.2	63.0	63.0	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.3	63.3
≥ 10000	38.7	62.9	65.0	66.1	66.9	67.0	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.3	67.3
≥ 9000	39.5	64.4	66.6	67.7	68.6	68.6	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	69.0	69.0
≥ 8000	41.4	68.1	70.8	71.9	72.8	72.9	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.3	73.3	73.3
≥ 7000	42.4	69.9	72.8	74.1	75.0	75.1	75.4	75.4	75.4	75.4	75.5	75.5	75.5	75.5	75.6	75.6
≥ 6000	42.9	71.3	74.3	75.8	76.7	76.8	77.1	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 5000	44.0	73.6	77.0	78.6	79.6	79.7	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.3	80.3
≥ 4500	44.2	74.3	77.9	79.6	80.6	80.7	81.2	81.2	81.2	81.3	81.3	81.3	81.3	81.4	81.4	81.4
≥ 4000	44.9	75.9	79.9	81.8	83.2	83.3	83.7	83.8	83.8	83.9	83.9	83.9	83.9	84.0	84.0	84.0
≥ 3500	44.9	76.3	80.5	82.6	84.1	84.3	84.7	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 3000	45.5	77.8	82.4	84.7	86.4	86.6	87.1	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.4	87.4
≥ 2500	45.9	78.4	83.2	85.7	87.5	87.7	88.2	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.6	88.6
≥ 2000	46.2	79.3	84.2	86.9	88.9	89.1	89.7	89.9	89.9	90.0	90.1	90.1	90.1	90.1	90.1	90.1
≥ 1800	46.2	79.5	84.5	87.1	89.1	89.3	90.0	90.2	90.2	90.3	90.3	90.3	90.3	90.4	90.4	90.4
≥ 1500	46.4	79.8	85.0	87.8	89.9	90.1	90.9	91.1	91.1	91.2	91.3	91.3	91.3	91.3	91.4	91.4
≥ 1200	46.5	80.7	86.2	89.1	91.4	91.7	92.6	93.0	93.0	93.1	93.1	93.1	93.1	93.2	93.3	93.3
≥ 1000	46.5	81.1	86.7	89.6	92.0	92.3	93.3	93.7	93.7	93.9	94.0	94.0	94.0	94.1	94.1	94.1
≥ 900	46.5	81.3	87.0	90.0	92.4	92.8	94.1	94.5	94.5	94.8	94.8	94.8	94.8	94.9	95.0	95.0
≥ 800	46.5	81.5	87.2	90.5	93.1	93.4	94.7	95.2	95.2	95.3	95.6	95.6	95.6	95.6	95.7	95.7
≥ 700	46.6	81.8	87.5	90.9	93.5	93.8	95.2	95.8	95.8	96.0	96.1	96.1	96.1	96.2	96.3	96.3
≥ 600	46.6	81.9	87.7	91.0	93.6	94.0	95.4	96.1	96.1	96.4	96.5	96.5	96.5	96.5	96.6	96.6
≥ 500	46.6	82.0	87.8	91.4	94.1	94.4	95.9	96.6	96.6	97.1	97.2	97.2	97.2	97.3	97.3	97.3
≥ 400	46.6	82.0	87.8	91.6	94.5	94.8	96.4	97.2	97.3	97.9	98.0	98.0	98.0	98.2	98.2	98.3
≥ 300	46.6	82.1	87.8	91.6	94.6	95.0	96.7	97.5	97.6	98.4	98.5	98.5	98.5	98.7	98.7	98.8
≥ 200	46.6	82.1	87.8	91.6	94.6	95.0	96.7	97.6	97.8	98.5	98.8	98.8	98.8	99.0	99.0	99.2
≥ 100	46.6	82.1	87.8	91.6	94.6	95.0	96.7	97.6	97.8	98.5	98.9	98.9	98.9	99.3	99.4	99.8
≥ 0	46.6	82.1	87.8	91.6	94.6	95.0	96.7	97.6	97.8	98.5	98.9	98.9	98.9	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 2405

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13707

DOVE2 AFB DELAWARE

42-46,51-72

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING	29.4	50.1	52.7	54.0	54.8	55.1	55.3	55.3	55.3	55.4	55.5	55.5	55.5	55.5	55.5	55.5
≥ 20000	31.7	54.2	57.0	58.3	59.3	59.6	59.9	59.9	59.9	60.0	60.0	60.0	60.1	60.1	60.2	60.2
≥ 18000	31.7	54.4	57.1	58.6	59.6	59.9	60.1	60.1	60.1	60.2	60.3	60.3	60.3	60.3	60.4	60.4
≥ 16000	31.8	54.5	57.2	58.7	59.7	60.0	60.2	60.2	60.2	60.4	60.4	60.4	60.4	60.4	60.5	60.5
≥ 14000	32.5	55.5	58.3	59.7	60.8	61.1	61.4	61.4	61.4	61.5	61.5	61.5	61.6	61.6	61.7	61.7
≥ 12000	33.6	57.2	60.2	61.7	62.8	63.1	63.3	63.3	63.3	63.4	63.5	63.5	63.5	63.5	63.6	63.6
≥ 10000	35.4	60.8	64.1	65.0	66.9	67.2	67.4	67.6	67.6	67.7	67.7	67.7	67.8	67.8	67.9	67.9
≥ 9000	36.7	62.9	66.2	67.9	69.1	69.4	69.7	69.8	69.8	69.9	69.9	69.9	70.0	70.0	70.1	70.1
≥ 8000	37.8	65.7	69.3	71.1	72.4	72.7	73.0	73.1	73.1	73.3	73.3	73.3	73.4	73.4	73.4	73.4
≥ 7000	38.6	68.0	71.7	73.6	74.9	75.2	75.5	75.7	75.7	75.8	75.9	75.9	75.9	75.9	76.0	76.0
≥ 6000	39.1	68.9	72.9	74.8	76.3	76.6	76.9	77.1	77.1	77.3	77.3	77.3	77.4	77.4	77.4	77.4
≥ 5000	40.1	71.0	75.1	77.5	79.3	79.6	80.1	80.2	80.2	80.4	80.5	80.5	80.5	80.5	80.6	80.6
≥ 4500	40.3	71.5	75.7	78.0	79.9	80.1	80.6	80.8	80.8	81.1	81.1	81.1	81.2	81.2	81.3	81.3
≥ 4000	40.8	72.6	77.1	79.6	81.7	82.0	82.5	82.8	82.8	83.1	83.1	83.1	83.2	83.2	83.3	83.3
≥ 3500	41.0	73.0	77.6	80.2	82.6	82.9	83.4	83.7	83.7	84.0	84.1	84.1	84.1	84.1	84.2	84.2
≥ 3000	41.3	74.0	79.1	81.8	84.3	84.7	85.2	85.5	85.5	85.8	85.8	85.8	85.9	85.9	86.0	86.0
≥ 2500	41.6	74.6	79.8	82.6	85.2	85.6	86.3	86.6	86.6	86.9	87.0	87.0	87.0	87.0	87.1	87.1
≥ 2000	41.8	75.3	80.8	83.7	86.5	86.8	87.6	87.9	87.9	88.2	88.3	88.3	88.4	88.4	88.5	88.5
≥ 1800	41.8	75.5	81.0	83.9	86.7	87.1	87.8	88.1	88.1	88.5	88.6	88.6	88.6	88.6	88.7	88.7
≥ 1500	42.0	75.9	81.4	84.3	87.2	87.6	88.4	88.7	88.7	89.1	89.2	89.2	89.3	89.3	89.3	89.3
≥ 1200	42.0	76.6	82.5	85.6	88.5	88.8	89.7	90.0	90.0	90.4	90.6	90.6	90.6	90.6	90.7	90.7
≥ 1000	42.0	77.2	83.2	86.5	89.5	89.9	91.0	91.4	91.4	91.8	92.0	92.0	92.0	92.0	92.1	92.1
≥ 900	42.0	77.7	83.8	87.3	90.3	90.7	91.9	92.3	92.3	92.7	92.9	92.9	92.9	92.9	93.0	93.0
≥ 800	42.0	77.9	84.0	87.5	90.7	91.1	92.4	92.8	92.8	93.3	93.5	93.5	93.5	93.5	93.6	93.6
≥ 700	42.0	78.1	84.3	87.8	91.2	91.7	93.1	93.5	93.5	94.0	94.2	94.2	94.2	94.2	94.3	94.3
≥ 600	42.0	78.2	84.5	88.1	91.7	92.2	93.7	94.2	94.2	94.7	94.9	94.9	95.0	95.0	95.1	95.1
≥ 500	42.0	78.4	84.7	88.5	92.1	92.9	94.6	95.2	95.2	95.8	96.0	96.0	96.2	96.2	96.3	96.3
≥ 400	42.0	78.5	84.9	88.7	92.5	93.3	95.2	95.8	95.9	96.7	96.9	96.9	97.1	97.1	97.2	97.2
≥ 300	42.0	78.6	85.1	89.0	93.0	93.8	95.8	96.5	96.6	97.4	97.7	97.7	97.9	97.9	98.0	98.0
≥ 200	42.0	78.6	85.1	89.0	93.0	93.8	95.9	96.8	96.9	97.9	98.4	98.4	98.7	98.7	98.8	98.8
≥ 100	42.0	78.6	85.1	89.0	93.0	93.8	96.0	96.8	97.0	98.0	98.5	98.6	99.1	99.2	99.4	99.5
≥ 0	42.0	78.6	85.1	89.0	93.0	93.8	96.0	96.8	97.0	98.0	98.5	98.6	99.1	99.2	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 2402

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13707
STATION

DOVER AFB DELAWARE
STATION NAME

43-46,51-72
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	22.7	49.2	54.9	58.4	61.1	61.5	62.2	62.8	62.9	63.3	63.5	63.5	63.6	63.6	63.6	63.6
≥ 20000	24.3	53.1	59.1	63.1	66.0	66.6	67.3	67.9	67.9	68.4	68.5	68.5	68.6	68.6	68.6	68.6
≥ 18000	24.5	53.4	59.4	63.4	66.3	66.9	67.6	68.2	68.3	68.7	68.8	68.8	68.9	68.9	68.9	68.9
≥ 16000	24.5	53.5	59.6	63.5	66.5	67.0	67.8	68.3	68.4	68.9	69.0	69.0	69.1	69.1	69.1	69.1
≥ 14000	24.8	54.4	60.6	64.6	67.6	68.2	68.9	69.5	69.6	70.0	70.1	70.1	70.3	70.3	70.3	70.3
≥ 12000	25.2	55.6	62.0	66.2	69.4	69.9	70.6	71.2	71.3	71.7	71.9	71.9	72.0	72.0	72.0	72.0
≥ 10000	26.1	57.6	64.2	68.8	72.4	73.0	73.8	74.4	74.5	74.9	75.1	75.1	75.2	75.2	75.2	75.2
≥ 9000	26.3	58.5	65.2	69.7	73.5	74.0	74.8	75.4	75.5	76.0	76.1	76.1	76.2	76.2	76.2	76.2
≥ 8000	26.9	60.1	66.9	71.8	75.8	76.3	77.1	77.7	77.8	78.2	78.4	78.4	78.5	78.5	78.5	78.5
≥ 7000	27.3	61.1	68.1	73.2	77.3	77.8	78.7	79.5	79.6	80.0	80.2	80.2	80.3	80.3	80.3	80.3
≥ 6000	27.4	61.7	68.8	73.9	78.1	78.6	79.4	80.3	80.4	80.9	81.0	81.0	81.1	81.1	81.1	81.1
≥ 5000	27.7	62.9	70.3	75.4	79.7	80.3	81.2	82.1	82.2	82.6	82.8	82.8	82.9	82.9	82.9	82.9
≥ 4500	28.0	63.5	71.0	76.2	80.8	81.4	82.4	83.4	83.5	84.0	84.1	84.1	84.2	84.2	84.2	84.2
≥ 4000	28.1	64.0	71.9	77.3	82.2	82.8	83.8	84.8	85.0	85.4	85.5	85.5	85.7	85.7	85.7	85.7
≥ 3500	28.2	64.8	72.7	78.2	83.3	84.0	85.0	86.0	86.1	86.5	86.7	86.7	86.8	86.8	86.8	86.8
≥ 3000	28.3	65.3	73.5	79.1	84.3	85.0	86.0	87.0	87.2	87.6	87.7	87.7	87.9	87.9	87.9	87.9
≥ 2500	28.3	65.7	73.7	79.5	84.8	85.5	86.5	87.6	87.7	88.1	88.3	88.3	88.4	88.4	88.4	88.4
≥ 2000	28.5	66.2	74.4	80.4	85.8	86.5	87.6	88.8	88.9	89.4	89.5	89.5	89.6	89.6	89.6	89.6
≥ 1800	28.5	66.2	74.5	80.5	85.9	86.7	87.7	88.9	89.1	89.5	89.7	89.7	89.8	89.8	89.8	89.8
≥ 1500	28.6	66.5	74.8	80.9	86.4	87.3	88.4	89.6	89.7	90.2	90.3	90.3	90.4	90.4	90.4	90.4
≥ 1200	28.7	67.2	75.6	81.8	87.6	88.4	89.6	90.8	90.9	91.4	91.5	91.5	91.7	91.7	91.7	91.7
≥ 1000	28.8	67.9	76.4	83.0	89.0	89.9	91.4	92.6	92.7	93.2	93.3	93.3	93.5	93.5	93.5	93.5
≥ 900	28.8	68.2	76.9	83.6	89.6	90.5	92.0	93.3	93.4	93.9	94.0	94.0	94.2	94.2	94.2	94.2
≥ 800	28.8	68.4	77.1	84.0	90.0	90.9	92.5	93.7	93.9	94.3	94.5	94.5	94.6	94.6	94.6	94.6
≥ 700	28.8	68.6	77.5	84.4	90.5	91.4	92.9	94.3	94.5	95.0	95.1	95.1	95.2	95.2	95.2	95.2
≥ 600	28.9	68.9	77.9	84.8	91.0	91.9	93.6	95.0	95.2	95.7	95.8	95.8	96.0	96.0	96.0	96.0
≥ 500	28.9	69.0	78.2	85.3	91.5	92.5	94.2	95.7	95.9	96.5	96.6	96.6	96.9	96.9	96.9	96.9
≥ 400	28.9	69.1	78.3	85.5	92.0	93.0	94.8	96.3	96.6	97.1	97.3	97.3	97.5	97.5	97.5	97.5
≥ 300	28.9	69.3	78.4	85.7	92.2	93.2	95.2	96.9	97.2	97.9	98.0	98.0	98.2	98.2	98.2	98.2
≥ 200	28.9	69.3	78.5	85.7	92.3	93.3	95.4	97.1	97.4	98.2	98.5	98.6	98.9	98.9	98.9	98.9
≥ 100	28.9	69.3	78.5	85.7	92.3	93.3	95.5	97.1	97.4	98.2	98.6	98.7	99.0	99.1	99.4	99.6
0	28.9	69.3	78.5	85.7	92.3	93.3	95.5	97.1	97.4	98.2	98.6	98.7	99.1	99.2	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 2293

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13707
STATION

DOVER AFB DELAWARE
STATION NAME

43-46, 51-72
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	16.6	38.0	43.8	47.8	52.0	53.2	55.5	56.1	56.4	56.9	57.3	57.3	57.7	57.7	57.8	57.9
≥ 20000	17.4	41.4	47.5	52.1	56.9	58.3	60.8	61.6	61.9	62.5	62.8	62.8	63.2	63.2	63.4	63.6
≥ 18000	17.4	41.5	47.7	52.2	57.1	58.4	61.0	61.8	62.1	62.6	63.0	63.0	63.4	63.4	63.5	63.8
≥ 16000	17.4	41.7	47.9	52.5	57.3	58.7	61.2	62.0	62.3	62.9	63.2	63.3	63.7	63.7	63.8	64.1
≥ 14000	17.8	42.8	49.2	53.9	58.9	60.2	62.8	63.6	63.9	64.5	64.9	64.9	65.3	65.3	65.5	65.7
≥ 12000	18.1	43.9	50.7	55.5	60.6	62.0	64.6	65.5	65.8	66.4	66.8	66.8	67.2	67.2	67.4	67.6
≥ 10000	19.1	46.4	53.4	58.5	63.8	65.2	68.1	68.9	69.3	69.9	70.3	70.4	70.8	70.8	71.0	71.2
≥ 9000	19.4	47.2	54.3	59.4	64.8	66.2	69.2	70.0	70.4	71.0	71.4	71.5	71.9	71.9	72.0	72.3
≥ 8000	20.0	49.1	56.5	61.7	67.2	68.6	71.7	72.7	73.1	73.7	74.1	74.2	74.6	74.6	74.7	75.1
≥ 7000	20.7	50.2	57.6	63.0	69.0	70.4	73.6	74.6	75.0	75.8	76.2	76.3	76.8	76.8	76.9	77.2
≥ 6000	20.8	51.0	58.7	64.2	70.2	71.7	74.9	76.0	76.4	77.1	77.6	77.6	78.1	78.1	78.2	78.6
≥ 5000	21.5	52.5	60.4	66.2	72.5	74.0	77.3	78.4	78.8	79.5	80.0	80.0	80.5	80.5	80.6	81.0
≥ 4500	21.5	52.7	60.7	66.4	72.8	74.3	77.6	78.7	79.2	79.9	80.4	80.4	80.9	80.9	81.0	81.4
≥ 4000	21.7	53.2	61.4	67.5	74.0	75.5	79.0	80.2	80.6	81.4	81.9	81.9	82.4	82.4	82.5	82.9
≥ 3500	21.7	53.8	62.1	68.2	74.8	76.4	80.0	81.1	81.6	82.4	82.8	82.9	83.3	83.3	83.5	83.8
≥ 3000	21.7	54.3	62.7	68.9	75.6	77.2	80.9	82.0	82.4	83.3	83.7	83.7	84.2	84.2	84.3	84.7
≥ 2500	21.8	54.6	63.1	69.3	76.2	77.8	81.5	82.6	83.1	83.9	84.3	84.4	84.9	84.9	85.0	85.3
≥ 2000	21.8	55.1	63.7	70.1	77.0	78.6	82.3	83.6	84.0	84.8	85.3	85.3	85.8	85.8	86.0	86.3
≥ 1800	21.8	55.2	63.8	70.2	77.1	78.8	82.4	83.7	84.1	85.0	85.4	85.4	86.0	86.0	86.1	86.5
≥ 1500	22.0	55.8	64.5	71.1	78.1	79.7	83.4	84.7	85.2	86.0	86.4	86.5	87.0	87.0	87.1	87.5
≥ 1200	22.1	56.3	65.2	71.9	79.0	80.8	84.6	85.9	86.3	87.1	87.6	87.6	88.1	88.1	88.3	88.7
≥ 1000	22.2	57.0	66.1	73.0	80.3	82.1	86.1	87.5	87.9	88.8	89.3	89.3	89.8	89.8	90.0	90.4
≥ 900	22.2	57.3	66.5	73.5	80.9	82.7	86.9	88.3	88.7	89.7	90.1	90.1	90.7	90.7	90.8	91.2
≥ 800	22.2	57.7	67.1	74.4	81.8	83.7	87.9	89.4	89.9	91.0	91.4	91.5	92.0	92.0	92.2	92.5
≥ 700	22.2	58.0	67.6	75.0	82.4	84.3	88.7	90.2	90.7	91.8	92.2	92.2	92.8	92.8	92.9	93.3
≥ 600	22.2	58.3	67.9	75.3	82.9	84.8	89.3	90.9	91.4	92.4	92.8	92.9	93.5	93.5	93.6	94.0
≥ 500	22.3	58.4	68.2	75.7	83.4	85.4	90.2	91.8	92.4	93.5	94.0	94.1	94.6	94.6	94.9	95.3
≥ 400	22.3	58.5	68.3	76.0	83.9	85.9	90.9	92.7	93.2	94.4	95.0	95.1	95.8	95.8	95.9	96.3
≥ 300	22.3	58.6	68.4	76.1	84.2	86.3	91.6	93.5	94.0	95.2	96.0	96.1	96.9	96.9	97.0	97.4
≥ 200	22.3	58.6	68.4	76.1	84.3	86.4	91.9	93.9	94.4	95.8	96.6	96.8	97.6	97.6	97.9	98.4
≥ 100	22.3	58.6	68.4	76.1	84.3	86.4	91.9	93.9	94.5	95.9	96.7	96.9	98.0	98.0	98.4	99.3
≥ 0	22.3	58.6	68.4	76.1	84.3	86.4	91.9	93.9	94.5	95.9	96.7	96.9	98.0	98.0	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 2293

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13707
STATION

DOVER AFB DELAWARE
STATION NAME

43-46, 51-72
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING	18.9	40.4	45.0	48.9	51.8	52.6	53.4	54.1	54.3	54.4	54.5	54.5	54.6	54.6	54.6	54.7
≥ 20000	20.2	44.9	49.8	54.7	58.5	59.3	60.5	61.3	61.5	61.7	61.8	61.9	61.9	61.9	62.1	62.2
≥ 18000	20.2	45.0	50.0	54.8	58.6	59.7	60.7	61.5	61.7	61.9	62.0	62.0	62.1	62.1	62.2	62.4
≥ 16000	20.2	45.2	50.2	55.0	58.8	59.9	60.9	61.7	61.9	62.1	62.2	62.2	62.3	62.3	62.5	62.6
≥ 14000	20.6	46.3	51.5	56.4	60.2	61.4	62.4	63.2	63.4	63.6	63.7	63.8	63.8	63.9	64.0	64.2
≥ 12000	21.3	47.9	53.5	58.7	62.6	63.7	64.8	65.6	65.8	66.0	66.1	66.2	66.2	66.3	66.4	66.6
≥ 10000	22.0	50.4	56.1	61.6	65.8	67.0	68.1	69.0	69.2	69.5	69.6	69.6	69.7	69.7	69.8	70.0
≥ 9000	22.8	51.9	57.8	63.3	67.8	69.0	70.1	71.0	71.2	71.5	71.6	71.6	71.7	71.7	71.8	72.0
≥ 8000	23.5	53.8	60.0	65.9	70.5	71.8	72.9	73.9	74.1	74.3	74.4	74.5	74.5	74.6	74.7	74.9
≥ 7000	23.7	54.8	61.1	67.2	72.1	73.4	74.5	75.5	75.7	76.0	76.1	76.2	76.2	76.3	76.4	76.6
≥ 6000	23.9	55.4	61.8	68.0	72.9	74.2	75.5	76.5	76.7	77.0	77.1	77.2	77.2	77.3	77.4	77.6
≥ 5000	24.4	56.7	63.2	69.6	74.6	75.9	77.3	78.3	78.5	78.8	79.0	79.0	79.0	79.1	79.2	79.4
≥ 4500	24.5	57.1	63.8	70.2	75.2	76.5	77.9	78.9	79.1	79.4	79.6	79.6	79.7	79.7	79.8	80.0
≥ 4000	24.6	57.7	64.4	71.0	76.0	77.4	78.8	80.1	80.3	80.7	80.8	80.8	80.9	80.9	81.1	81.2
≥ 3500	24.6	57.9	64.7	71.4	76.4	77.8	79.3	80.5	80.7	81.1	81.2	81.3	81.3	81.4	81.5	81.7
≥ 3000	24.7	58.6	65.6	72.4	77.6	79.0	80.4	81.7	81.9	82.3	82.5	82.5	82.5	82.6	82.7	82.9
≥ 2500	25.0	59.3	66.7	73.6	78.9	80.4	81.8	83.1	83.3	83.7	83.8	83.9	83.9	84.0	84.1	84.3
≥ 2000	25.1	59.8	67.4	74.6	80.1	81.6	83.1	84.4	84.7	85.1	85.3	85.4	85.4	85.5	85.6	85.8
≥ 1800	25.1	59.9	67.6	74.8	80.4	81.9	83.5	84.8	85.1	85.5	85.7	85.8	85.8	85.9	86.0	86.2
≥ 1500	25.4	60.5	68.3	75.7	81.4	82.9	84.5	85.9	86.1	86.6	86.8	86.8	86.9	86.9	87.0	87.2
≥ 1200	25.5	61.1	69.0	76.4	82.1	83.7	85.4	86.9	87.1	87.6	87.9	87.9	88.0	88.0	88.1	88.3
≥ 1000	25.6	62.2	70.2	77.8	83.8	85.5	87.3	88.9	89.2	89.9	90.1	90.2	90.2	90.3	90.4	90.6
≥ 900	25.7	62.9	70.9	78.6	84.8	86.5	88.4	90.0	90.4	91.1	91.3	91.4	91.4	91.4	91.6	91.8
≥ 800	25.8	63.4	71.5	79.3	85.6	87.3	89.3	91.0	91.3	92.1	92.3	92.4	92.4	92.4	92.6	92.8
≥ 700	25.8	63.7	71.8	79.7	86.2	88.0	90.1	91.8	92.2	93.0	93.2	93.3	93.3	93.4	93.5	93.7
≥ 600	25.8	63.9	72.2	80.4	87.1	89.0	91.4	93.1	93.4	94.2	94.5	94.5	94.5	94.6	94.8	94.9
≥ 500	25.8	64.2	72.5	81.1	88.3	90.3	92.8	94.6	95.0	95.8	96.1	96.1	96.2	96.2	96.4	96.6
≥ 400	25.8	64.3	72.7	81.3	88.6	90.7	93.3	95.2	95.6	96.6	96.9	96.9	97.1	97.1	97.3	97.5
≥ 300	25.8	64.4	72.8	81.5	88.8	91.0	93.8	95.9	96.4	97.6	97.9	98.0	98.3	98.3	98.5	98.6
≥ 200	25.8	64.4	72.8	81.5	88.8	91.0	93.8	96.0	96.6	97.7	98.2	98.3	98.7	98.8	99.1	99.3
≥ 100	25.8	64.4	72.8	81.5	88.8	91.0	93.8	96.0	96.6	97.7	98.2	98.4	98.9	99.0	99.4	99.7
≥ 0	25.8	64.4	72.8	81.5	88.8	91.0	93.8	96.0	96.6	97.7	98.2	98.4	98.9	99.0	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 2291

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

13707
STATION

DOVER AFB DELAWARE
STATION NAME

43-46,51-72
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING	27.4	30.3	53.0	54.9	55.6	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.1
≥ 20000	30.8	56.6	59.7	61.8	63.0	63.4	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.8
≥ 18000	30.9	56.8	60.0	62.1	63.3	63.7	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.1
≥ 16000	31.0	57.0	60.2	62.3	63.5	63.9	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.3
≥ 14000	31.3	57.9	61.1	63.4	64.6	65.1	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.5	65.5
≥ 12000	32.0	59.7	62.9	65.4	66.7	67.2	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.6
≥ 10000	32.6	61.7	65.2	67.8	69.3	69.8	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.2	70.2
≥ 9000	33.1	62.9	66.5	69.1	70.6	71.2	71.4	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 8000	33.8	64.7	68.5	71.2	72.9	73.4	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 7000	34.3	66.3	70.4	73.2	75.1	75.7	75.9	75.9	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 6000	34.3	66.9	71.1	74.0	76.0	76.6	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	77.0
≥ 5000	34.6	67.8	72.1	75.1	77.1	77.7	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.1
≥ 4500	34.9	68.4	72.7	75.8	77.8	78.5	78.7	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 4000	35.3	69.1	73.5	76.7	78.8	79.5	79.7	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 3500	35.8	70.1	74.6	77.8	79.9	80.5	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	81.0
≥ 3000	36.5	71.7	76.5	79.8	81.9	82.6	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.1
≥ 2500	37.1	73.3	78.2	81.7	83.9	84.6	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.2
≥ 2000	37.5	74.7	79.7	83.3	85.7	86.5	86.9	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 1800	37.9	75.4	80.5	84.1	86.6	87.3	87.7	87.9	87.9	87.9	87.9	87.9	87.9	87.9	88.0	88.0
≥ 1500	38.3	76.8	82.1	86.0	88.6	89.4	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.1	90.1	90.1
≥ 1200	38.4	77.6	83.6	87.5	90.4	91.3	91.8	92.1	92.1	92.1	92.1	92.1	92.1	92.2	92.2	92.2
≥ 1000	38.6	78.7	84.6	88.7	91.9	92.8	93.5	93.9	93.9	94.0	94.0	94.0	94.0	94.1	94.1	94.1
≥ 900	38.6	79.2	85.1	89.4	92.7	93.6	94.3	94.7	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 800	38.6	79.4	85.4	89.7	93.1	94.0	94.8	95.3	95.3	95.4	95.4	95.4	95.4	95.5	95.5	95.5
≥ 700	38.6	79.7	85.8	90.4	94.1	95.1	95.9	96.5	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.9
≥ 600	38.6	79.9	86.0	90.6	94.6	95.7	96.7	97.4	97.5	97.9	97.9	97.9	97.9	98.0	98.0	98.0
≥ 500	38.7	80.1	86.2	90.9	95.0	96.2	97.3	98.0	98.2	98.6	98.7	98.7	98.7	98.7	98.7	98.8
≥ 400	38.7	80.1	86.2	91.1	95.3	96.6	97.8	98.6	98.7	99.3	99.4	99.4	99.4	99.5	99.5	99.5
≥ 300	38.7	80.1	86.2	91.1	95.3	96.7	98.0	98.7	99.0	99.6	99.7	99.8	99.8	99.8	99.9	99.9
≥ 200	38.7	80.1	86.2	91.1	95.3	96.7	98.0	98.7	99.0	99.6	99.8	99.8	99.8	99.9	100.0	100.0
≥ 100	38.7	80.1	86.2	91.1	95.3	96.7	98.0	98.7	99.0	99.6	99.8	99.8	99.8	99.9	100.0	100.0
≥ 0	38.7	80.1	86.2	91.1	95.3	96.7	98.0	98.7	99.0	99.6	99.8	99.8	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2293

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13707 DOVER AFB DELAWARE

43-46, 51-72

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING	28.9	47.9	50.5	51.4	52.1	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
≥ 20000	34.0	56.5	59.6	60.9	62.2	62.2	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 18000	34.0	56.8	59.9	61.2	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 16000	34.1	57.0	60.1	61.4	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 14000	34.4	57.8	60.9	62.3	63.7	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 12000	34.8	58.7	61.9	63.5	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 10000	35.6	60.9	64.4	66.1	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 9000	36.3	62.2	65.8	67.5	69.0	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 8000	37.0	63.9	67.8	69.7	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 7000	37.4	65.0	69.1	71.2	72.8	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 6000	37.7	65.5	69.7	71.8	73.4	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 5000	38.5	67.3	71.8	73.9	75.5	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 4500	39.2	68.6	73.5	75.8	77.4	77.5	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 4000	40.8	71.6	76.8	79.0	80.8	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 3500	42.0	74.0	79.2	81.6	83.3	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 3000	43.1	77.4	82.7	85.1	87.0	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 2500	44.0	79.4	85.0	87.6	89.5	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 2000	44.6	80.9	86.8	89.5	91.7	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 1800	44.8	81.5	87.5	90.2	92.5	92.5	92.5	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 1500	45.0	82.2	88.2	90.9	93.2	93.3	93.3	93.5	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1200	45.0	83.2	89.4	92.2	94.6	94.7	94.8	94.9	94.9	95.0	95.1	95.1	95.1	95.1	95.1	95.1
≥ 1000	45.1	83.6	89.8	92.8	95.4	95.6	95.7	95.9	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 900	45.1	83.8	90.0	93.0	95.6	95.8	96.0	96.2	96.2	96.3	96.4	96.4	96.4	96.4	96.4	96.4
≥ 800	45.1	84.2	90.5	93.6	96.4	96.6	96.8	97.0	97.0	97.1	97.2	97.2	97.2	97.2	97.2	97.2
≥ 700	45.1	84.6	90.9	94.2	97.0	97.2	97.4	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 600	45.1	84.8	91.2	94.6	97.5	97.7	98.1	98.3	98.3	98.5	98.6	98.6	98.6	98.6	98.6	98.6
≥ 500	45.1	85.0	91.5	94.9	98.0	98.3	98.9	99.1	99.2	99.6	99.7	99.7	99.7	99.7	99.8	99.8
≥ 400	45.1	85.0	91.5	94.9	98.0	98.3	98.9	99.2	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	45.1	85.0	91.5	94.9	98.0	98.3	99.0	99.3	99.3	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 200	45.1	85.0	91.5	94.9	98.1	98.4	99.0	99.3	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	45.1	85.0	91.5	94.9	98.1	98.4	99.0	99.3	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	45.1	85.0	91.5	94.9	98.1	98.4	99.0	99.3	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2294

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13707
STATION

DOVER AFB DELAWARE
STATION NAME

43-46, 51-72
YEARS

JULY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	30.4	48.5	51.2	52.5	53.1	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
≥ 20000	36.2	59.4	62.7	64.8	66.0	66.1	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 18000	36.3	59.5	62.9	65.0	66.1	66.2	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 16000	36.3	59.6	63.0	65.1	66.3	66.4	66.4	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 14000	36.6	60.2	63.7	65.9	67.1	67.1	67.2	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 12000	37.1	61.5	65.1	67.3	68.5	68.5	68.6	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 10000	38.4	64.1	68.1	70.4	71.7	71.8	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 9000	39.1	65.4	69.4	71.7	73.0	73.1	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 8000	39.9	66.9	71.0	73.4	74.7	74.8	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 7000	40.5	68.8	73.1	75.7	77.0	77.1	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 6000	41.0	70.0	74.4	77.0	78.3	78.4	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 5000	42.0	72.8	77.3	80.0	81.3	81.4	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 4500	42.6	73.9	78.5	81.2	82.5	82.6	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 4000	43.5	76.5	81.4	84.2	85.6	85.8	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 3500	44.1	77.9	83.0	85.9	87.3	87.5	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 3000	44.7	80.1	85.4	88.5	90.2	90.5	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 2500	45.1	81.2	86.6	89.6	91.5	91.8	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 2000	45.5	82.4	87.8	91.2	93.1	93.5	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 1800	45.5	82.4	88.0	91.5	93.3	93.7	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1500	45.7	83.0	88.6	92.1	94.1	94.5	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 1200	45.8	83.9	89.5	93.1	95.2	95.6	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1000	45.8	84.2	89.9	93.7	95.9	96.3	96.6	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 900	45.8	84.4	90.1	93.9	96.3	96.7	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 800	45.8	84.6	90.3	94.3	96.7	97.2	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 700	45.8	84.7	90.4	94.5	97.0	97.5	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 600	45.8	84.8	90.7	94.8	97.3	97.8	98.3	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 500	45.8	84.9	90.8	95.0	97.6	98.0	98.7	99.2	99.2	99.3	99.3	99.5	99.5	99.5	99.5	99.5
≥ 400	45.8	84.9	90.8	95.0	97.6	98.2	98.9	99.3	99.3	99.5	99.5	99.7	99.7	99.7	99.7	99.7
≥ 300	45.8	84.9	90.8	95.1	97.7	98.2	99.0	99.5	99.5	99.7	99.7	99.9	99.9	99.9	99.9	99.9
≥ 200	45.8	84.9	90.8	95.1	97.7	98.2	99.0	99.5	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0
≥ 100	45.8	84.9	90.8	95.1	97.7	98.2	99.0	99.5	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0
≥ 0	45.8	84.9	90.8	95.1	97.7	98.2	99.0	99.5	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2295

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13707

DUVER AFB DELAWARE

43-46, 51-72

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	27.0	46.6	49.9	51.7	52.7	52.8	53.1	53.1	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2
≥ 20000	32.3	58.0	62.2	64.6	66.2	66.6	67.0	67.0	67.0	67.1	67.2	67.2	67.2	67.2	67.2	67.2
≥ 18000	32.4	58.1	62.3	64.7	66.3	66.7	67.1	67.1	67.1	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 16000	32.6	58.3	62.6	65.0	66.7	67.0	67.4	67.5	67.5	67.6	67.7	67.7	67.7	67.7	67.7	67.7
≥ 14000	32.8	58.9	63.3	66.0	67.7	68.0	68.4	68.4	68.4	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 12000	34.0	61.0	65.4	68.4	70.1	70.4	70.8	70.9	70.9	71.0	71.1	71.1	71.1	71.1	71.1	71.1
≥ 10000	35.1	64.6	69.2	72.4	74.2	74.6	75.0	75.0	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 9000	35.4	65.1	70.0	73.2	74.9	75.3	75.7	75.8	75.8	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 8000	36.2	68.0	73.0	76.6	78.4	78.8	79.3	79.4	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 7000	36.8	69.6	74.9	78.6	80.4	80.8	81.4	81.4	81.5	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 6000	37.0	70.2	75.6	79.2	81.1	81.4	82.0	82.1	82.1	82.3	82.4	82.4	82.4	82.4	82.4	82.4
≥ 5000	37.8	72.3	77.9	81.7	83.6	83.9	84.5	84.6	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 4500	38.5	73.4	79.2	83.0	84.9	85.3	85.9	86.0	86.0	86.2	86.3	86.3	86.3	86.3	86.3	86.3
≥ 4000	38.8	74.6	80.6	84.7	86.7	87.0	87.7	87.8	87.9	88.1	88.1	88.1	88.2	88.2	88.2	88.2
≥ 3500	39.4	75.2	81.4	85.6	87.6	87.9	88.6	88.7	88.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 3000	39.5	76.0	82.6	86.9	89.0	89.4	90.2	90.3	90.4	90.6	90.7	90.7	90.7	90.7	90.7	90.7
≥ 2500	39.7	76.6	83.5	87.9	90.0	90.4	91.2	91.3	91.4	91.6	91.7	91.7	91.7	91.7	91.7	91.7
≥ 2000	39.9	77.3	84.2	88.7	91.0	91.4	92.1	92.3	92.4	92.7	92.7	92.7	92.8	92.8	92.8	92.8
≥ 1800	39.9	77.4	84.5	89.0	91.3	91.7	92.4	92.7	92.8	93.0	93.1	93.1	93.1	93.1	93.1	93.1
≥ 1500	40.0	77.9	85.1	89.7	92.0	92.4	93.2	93.4	93.5	93.8	93.9	93.9	93.9	93.9	93.9	93.9
≥ 1200	40.0	78.2	85.6	90.1	92.5	92.9	93.8	94.0	94.1	94.4	94.5	94.5	94.5	94.5	94.5	94.5
≥ 1000	40.0	78.4	86.0	90.7	93.2	93.6	94.5	94.8	94.9	95.2	95.3	95.3	95.4	95.4	95.4	95.4
≥ 900	40.1	78.7	86.3	91.2	93.7	94.2	95.1	95.3	95.4	95.7	95.9	95.9	95.9	95.9	95.9	95.9
≥ 800	40.1	79.0	86.7	91.7	94.2	94.7	95.7	95.9	96.0	96.3	96.5	96.5	96.5	96.5	96.5	96.6
≥ 700	40.1	79.1	86.9	92.0	94.5	95.1	96.1	96.4	96.6	96.9	97.0	97.0	97.1	97.1	97.1	97.1
≥ 600	40.1	79.5	87.3	92.5	95.1	95.7	96.8	97.3	97.4	97.8	97.9	97.9	98.0	98.0	98.1	98.1
≥ 500	40.1	79.5	87.5	92.8	95.4	96.1	97.2	97.7	97.9	98.3	98.4	98.4	98.6	98.6	98.7	98.7
≥ 400	40.1	79.5	87.5	92.9	95.5	96.3	97.4	98.1	98.3	98.7	98.8	98.8	99.0	99.0	99.1	99.1
≥ 300	40.1	79.5	87.6	93.1	95.8	96.6	97.7	98.4	98.6	99.0	99.2	99.2	99.4	99.4	99.4	99.5
≥ 200	40.1	79.5	87.6	93.2	95.9	96.8	97.9	98.7	98.9	99.3	99.5	99.5	99.7	99.7	99.7	99.8
≥ 100	40.1	79.5	87.6	93.2	95.9	96.8	97.9	98.7	99.0	99.4	99.5	99.5	99.7	99.7	99.8	99.9
≥ 0	40.1	79.5	87.6	93.2	95.9	96.8	97.9	98.7	99.0	99.4	99.5	99.5	99.7	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2291

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13707
STATION

DOVER AFB DELAWARE
STATION NAME

43-46, 51-72
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥⅓	≥⅕	≥0
NO CEILING	26.9	52.1	85.8	59.1	61.1	61.1	61.9	62.0	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 20000	29.6	57.8	62.2	65.8	68.1	68.4	69.2	69.4	69.4	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 18000	29.6	58.0	62.3	65.9	68.3	68.5	69.4	69.6	69.6	69.7	69.8	69.8	69.8	69.8	69.8	69.8
IV 16000	29.6	58.3	62.7	66.3	68.6	68.9	69.8	69.9	69.9	70.1	70.2	70.2	70.2	70.2	70.2	70.2
IV 14000	29.8	59.3	63.8	67.4	69.8	70.0	70.9	71.0	71.1	71.2	71.3	71.3	71.3	71.3	71.3	71.3
IV 12000	30.7	60.7	65.2	69.2	71.7	72.0	72.9	73.0	73.0	73.2	73.3	73.3	73.3	73.3	73.3	73.3
IV 10000	31.5	63.0	67.7	71.8	74.4	74.7	75.6	75.8	75.8	75.9	76.0	76.0	76.0	76.0	76.1	76.1
IV 9000	31.6	63.4	68.2	72.3	75.1	75.4	76.3	76.5	76.5	76.6	76.7	76.7	76.7	76.7	76.8	76.8
IV 8000	32.1	65.2	70.2	74.6	77.5	77.9	78.8	79.0	79.0	79.2	79.2	79.2	79.2	79.2	79.3	79.3
IV 7000	32.4	66.6	71.8	76.4	79.4	79.7	80.7	81.0	81.0	81.2	81.3	81.3	81.3	81.3	81.3	81.3
IV 6000	32.6	67.5	72.8	77.5	80.6	80.9	81.9	82.1	82.2	82.4	82.4	82.4	82.4	82.4	82.5	82.5
IV 5000	33.1	69.3	74.7	79.5	82.7	83.0	84.0	84.3	84.3	84.5	84.6	84.6	84.6	84.6	84.6	84.6
IV 4500	33.3	69.8	75.3	80.3	83.6	83.9	84.9	85.2	85.2	85.4	85.5	85.5	85.5	85.5	85.5	85.5
IV 4000	33.5	70.8	76.6	81.7	85.2	85.6	86.7	87.0	87.0	87.2	87.3	87.3	87.3	87.3	87.4	87.4
IV 3500	33.8	71.8	77.8	83.0	86.6	87.1	88.2	88.5	88.6	88.7	88.8	88.9	88.9	88.9	88.9	88.9
IV 3000	34.1	72.9	78.9	84.4	88.1	88.5	89.7	90.0	90.1	90.3	90.3	90.4	90.4	90.4	90.5	90.5
IV 2500	34.1	73.4	79.4	84.9	88.9	89.3	90.6	91.0	91.0	91.2	91.3	91.3	91.3	91.3	91.4	91.4
IV 2000	34.3	73.5	79.9	85.9	90.0	90.4	91.6	92.1	92.1	92.4	92.4	92.5	92.5	92.5	92.6	92.6
IV 1800	34.3	74.0	80.1	86.1	90.2	90.7	91.9	92.4	92.4	92.6	92.7	92.7	92.7	92.7	92.8	92.8
IV 1500	34.5	74.4	80.6	86.6	90.7	91.2	92.4	92.9	92.9	93.1	93.2	93.3	93.3	93.3	93.4	93.4
IV 1200	34.6	75.0	81.1	87.2	91.3	91.8	93.0	93.5	93.5	93.8	93.8	93.9	93.9	93.9	94.0	94.0
IV 1000	34.6	75.2	81.5	87.7	92.1	92.6	93.9	94.4	94.5	94.7	94.8	94.8	94.8	94.8	94.9	94.9
IV 900	34.6	75.5	81.9	88.2	92.6	93.1	94.5	94.9	95.0	95.2	95.3	95.4	95.4	95.4	95.5	95.5
IV 800	34.6	75.7	82.0	88.5	93.1	93.6	95.0	95.5	95.6	95.9	96.0	96.0	96.0	96.0	96.1	96.1
IV 700	34.7	76.0	82.4	89.1	93.7	94.3	95.8	96.4	96.4	96.7	96.8	96.9	96.9	96.9	96.9	96.9
IV 600	34.7	76.1	82.6	89.4	94.0	94.6	96.2	96.9	96.9	97.2	97.3	97.4	97.4	97.4	97.5	97.5
IV 500	34.7	76.1	82.7	89.5	94.3	94.9	96.6	97.2	97.3	97.7	97.8	97.8	97.9	97.9	97.9	97.9
IV 400	34.7	76.4	83.1	90.0	94.8	95.5	97.2	97.9	97.9	98.3	98.4	98.5	98.5	98.5	98.6	98.6
IV 300	34.7	76.4	83.1	90.2	95.1	95.7	97.5	98.2	98.2	98.7	98.9	99.0	99.0	99.0	99.1	99.1
IV 200	34.7	76.4	83.2	90.2	95.2	95.8	97.6	98.3	98.3	98.9	99.2	99.3	99.3	99.3	99.4	99.4
IV 100	34.7	76.4	83.2	90.2	95.2	95.8	97.6	98.3	98.3	98.9	99.2	99.3	99.3	99.5	99.7	99.8
IV 0	34.7	76.4	83.2	90.2	95.2	95.8	97.6	98.3	98.3	98.9	99.2	99.3	99.3	99.5	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 2289

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13707
STATION

DOVER AFB DELAWARE
STATION NAME

43-46,51-72
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	16.4	45.8	52.4	56.6	60.3	60.8	63.1	63.4	63.5	63.8	63.8	63.8	63.9	63.9	64.0	64.0
≥ 20000	17.3	50.4	57.7	62.6	66.6	67.1	69.4	69.7	69.8	70.1	70.1	70.1	70.2	70.2	70.3	70.3
≥ 18000	17.4	50.6	57.9	62.9	66.8	67.3	69.7	70.0	70.0	70.3	70.3	70.3	70.4	70.4	70.5	70.6
≥ 16000	17.4	50.9	58.2	63.2	67.1	67.7	70.0	70.3	70.3	70.7	70.7	70.7	70.8	70.8	70.8	70.9
≥ 14000	17.6	51.4	59.1	64.2	68.3	68.9	71.2	71.5	71.6	71.9	71.9	71.9	72.0	72.0	72.1	72.1
≥ 12000	18.0	52.9	60.7	66.2	70.6	71.2	73.5	73.8	73.8	74.2	74.2	74.2	74.3	74.3	74.3	74.4
≥ 10000	19.0	56.0	64.4	70.1	74.6	75.2	77.6	77.8	77.9	78.3	78.3	78.3	78.4	78.4	78.5	78.6
≥ 9000	19.2	56.7	65.1	70.9	75.5	76.0	78.4	78.7	78.7	79.1	79.2	79.2	79.3	79.3	79.3	79.4
≥ 8000	19.9	58.5	67.3	73.4	78.0	78.6	80.9	81.2	81.3	81.7	81.8	81.8	81.9	81.9	82.0	82.0
≥ 7000	20.5	59.9	68.9	75.3	80.0	80.5	82.9	83.2	83.3	83.7	83.8	83.8	83.9	83.9	84.0	84.0
≥ 6000	20.5	60.4	69.6	76.3	81.2	81.7	84.1	84.4	84.4	84.9	85.0	85.0	85.0	85.0	85.1	85.2
≥ 5000	20.6	61.8	71.2	78.1	83.3	83.8	86.2	86.5	86.5	87.0	87.1	87.1	87.2	87.2	87.3	87.3
≥ 4500	20.6	62.0	71.5	78.5	83.7	84.3	86.7	87.0	87.0	87.5	87.5	87.5	87.6	87.6	87.7	87.8
≥ 4000	20.6	62.3	71.8	78.9	84.2	84.8	87.2	87.5	87.5	88.0	88.1	88.1	88.2	88.2	88.3	88.4
≥ 3500	20.7	62.6	72.2	79.3	84.7	85.3	87.8	88.1	88.2	88.7	88.8	88.8	88.9	88.9	89.0	89.0
≥ 3000	20.7	63.2	72.9	80.2	85.6	86.3	88.8	89.1	89.2	89.8	89.8	89.9	90.0	90.0	90.0	90.1
≥ 2500	20.7	63.6	73.3	80.8	86.3	86.9	89.6	89.9	89.9	90.6	90.7	90.8	90.8	90.8	90.9	91.0
≥ 2000	20.7	63.9	73.7	81.5	87.2	87.8	90.5	90.8	90.9	91.6	91.7	91.7	91.8	91.8	91.9	92.0
≥ 1800	20.7	64.1	74.0	81.8	87.5	88.1	90.9	91.2	91.2	92.0	92.0	92.1	92.2	92.2	92.3	92.3
≥ 1500	20.7	64.3	74.4	82.2	88.0	88.6	91.4	91.7	91.7	92.5	92.5	92.6	92.7	92.7	92.8	92.8
≥ 1200	20.7	64.6	74.6	82.6	88.6	89.2	92.0	92.3	92.4	93.1	93.2	93.3	93.4	93.4	93.5	93.5
≥ 1000	20.7	64.6	74.8	83.0	89.3	89.9	93.1	93.5	93.5	94.5	94.6	94.6	94.8	94.8	94.8	94.9
≥ 900	20.7	64.6	74.9	83.2	89.7	90.4	93.6	94.0	94.0	95.0	95.1	95.1	95.3	95.3	95.3	95.4
≥ 800	20.8	65.7	75.3	83.7	90.2	91.0	94.3	94.6	94.7	95.6	95.7	95.8	95.9	95.9	96.0	96.0
≥ 700	20.9	65.1	75.5	83.9	90.5	91.3	94.7	95.0	95.1	96.0	96.2	96.2	96.3	96.3	96.4	96.5
≥ 600	20.9	65.4	75.8	84.3	91.0	91.8	95.2	95.6	95.7	96.6	96.8	96.8	96.9	96.9	97.0	97.1
≥ 500	20.9	65.6	76.1	84.8	91.5	92.3	95.8	96.2	96.3	97.3	97.4	97.4	97.5	97.5	97.6	97.7
≥ 400	20.9	65.6	76.2	84.9	91.8	92.6	96.2	96.8	96.8	97.9	98.0	98.1	98.3	98.3	98.3	98.4
≥ 300	20.9	65.6	76.2	85.0	92.0	92.9	96.7	97.3	97.4	98.5	98.6	98.7	98.8	98.8	98.9	99.0
≥ 200	20.9	65.6	76.3	85.1	92.1	93.0	96.8	97.6	97.7	98.9	99.0	99.1	99.3	99.3	99.3	99.4
≥ 100	20.9	65.6	76.3	85.1	92.1	93.0	96.8	97.7	97.8	99.0	99.2	99.3	99.5	99.5	99.7	99.8
0	20.9	65.6	76.3	85.1	92.1	93.0	96.8	97.7	97.8	99.0	99.2	99.3	99.5	99.5	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 2401

3

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13707
STATIONDOVER AFB DELAWARE
STATION NAME43-46, 51-72
YEARSJUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	12.4	32.6	39.6	44.6	50.0	51.1	53.3	54.5	54.9	55.7	56.1	56.1	56.3	56.4	56.5	57.1
≥ 20000	13.3	35.8	44.3	50.1	55.9	57.2	59.7	61.0	61.4	62.3	62.8	62.8	63.0	63.1	63.2	63.9
≥ 18000	13.3	35.9	44.4	50.3	56.4	57.6	60.1	61.5	61.8	62.7	63.2	63.2	63.5	63.5	63.6	64.3
≥ 16000	13.3	36.0	44.6	50.4	56.5	57.8	60.3	61.6	62.0	62.8	63.4	63.4	63.6	63.7	63.8	64.5
≥ 14000	13.5	36.5	45.1	51.2	57.3	58.6	61.1	62.5	62.8	63.7	64.2	64.2	64.5	64.5	64.6	65.3
≥ 12000	14.3	38.3	47.6	53.9	60.4	61.8	64.4	65.8	66.2	67.2	67.8	67.8	68.1	68.2	68.3	69.0
≥ 10000	15.0	41.3	51.1	58.0	64.6	66.1	68.9	70.3	70.6	71.7	72.3	72.3	72.7	72.7	72.9	73.6
≥ 9000	15.7	42.8	52.9	60.0	66.7	68.3	71.1	72.6	72.9	74.1	74.7	74.7	75.1	75.1	75.2	75.9
≥ 8000	16.3	44.2	54.5	61.8	68.8	70.4	73.3	74.9	75.3	76.5	77.1	77.1	77.5	77.5	77.7	78.4
≥ 7000	16.7	45.7	56.3	63.8	70.9	72.5	75.5	77.2	77.5	78.7	79.4	79.4	79.8	79.8	80.0	80.7
≥ 6000	16.7	46.0	56.7	64.3	71.5	73.1	76.2	77.9	78.2	79.5	80.2	80.2	80.5	80.6	80.7	81.5
≥ 5000	16.8	46.8	57.7	65.6	73.0	74.7	77.8	79.6	80.0	81.3	82.0	82.0	82.3	82.4	82.5	83.3
≥ 4500	16.8	46.9	57.9	65.8	73.3	75.0	78.2	80.0	80.4	81.7	82.3	82.3	82.7	82.8	82.9	83.6
≥ 4000	16.9	47.1	58.1	66.3	73.9	75.6	78.7	80.6	81.0	82.3	83.0	83.0	83.4	83.5	83.6	84.3
≥ 3500	16.9	47.3	58.5	66.8	74.6	76.4	79.6	81.5	81.9	83.2	83.9	83.9	84.3	84.4	84.5	85.3
≥ 3000	17.1	48.0	59.5	68.1	75.9	77.7	81.1	83.0	83.4	84.8	85.5	85.5	86.0	86.0	86.1	86.9
≥ 2500	17.1	48.4	60.0	68.6	76.6	78.4	81.9	83.8	84.2	85.7	86.4	86.4	86.8	86.9	87.0	87.8
≥ 2000	17.1	48.8	60.5	69.4	77.5	79.3	82.8	84.7	85.2	86.8	87.5	87.5	88.0	88.1	88.2	88.9
≥ 1800	17.1	48.8	60.6	69.5	77.6	79.5	83.0	84.9	85.3	86.9	87.7	87.7	88.2	88.2	88.4	89.1
≥ 1500	17.1	49.1	61.0	69.9	78.3	80.3	83.9	85.9	86.3	88.0	88.8	88.8	89.3	89.4	89.5	90.2
≥ 1200	17.1	49.3	61.3	70.2	78.7	80.6	84.3	86.3	86.8	88.5	89.2	89.2	89.8	89.8	89.9	90.7
≥ 1000	17.2	49.6	61.6	70.6	79.2	81.1	84.9	87.0	87.5	89.1	89.9	89.9	90.4	90.5	90.6	91.4
≥ 900	17.2	49.8	61.9	70.9	79.6	81.6	85.4	87.5	88.0	89.6	90.4	90.4	90.9	91.0	91.1	91.9
≥ 800	17.2	50.0	62.2	71.3	80.3	82.3	86.1	88.2	88.7	90.4	91.1	91.1	91.7	91.7	91.9	92.6
≥ 700	17.3	50.3	62.7	71.9	81.0	83.0	86.9	89.0	89.5	91.1	91.9	91.9	92.5	92.5	92.7	93.4
≥ 600	17.3	50.6	63.2	72.4	81.8	83.9	87.8	89.9	90.4	92.1	92.9	92.9	93.4	93.5	93.7	94.4
≥ 500	17.3	50.8	63.4	72.7	82.3	84.4	88.4	90.6	91.1	92.8	93.6	93.6	94.2	94.3	94.5	95.3
≥ 400	17.3	50.8	63.4	72.7	82.3	84.5	88.6	91.1	91.6	93.4	94.3	94.3	94.9	95.0	95.2	96.0
≥ 300	17.4	50.9	63.5	72.8	82.6	84.8	89.1	91.7	92.2	94.2	95.2	95.2	95.9	96.0	96.2	97.0
≥ 200	17.4	50.9	63.5	72.8	82.6	84.9	89.2	91.9	92.5	94.6	95.6	95.6	96.4	96.5	96.8	97.7
≥ 100	17.4	50.9	63.5	72.8	82.6	84.9	89.2	92.0	92.6	94.8	95.9	95.9	96.8	96.9	97.5	98.6
≥ 0	17.4	50.9	63.5	72.8	82.6	84.9	89.2	92.0	92.6	94.8	95.9	95.9	96.8	97.0	97.7	100.0

TOTAL NUMBER OF OBSERVATIONS

2395

USAF ETAC 10PM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13707
STATION

DOVER AFB DELAWARE
STATION NAME

43-46,51-72
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING	12.7	30.7	35.9	41.1	44.5	46.2	47.4	48.5	48.7	49.1	49.3	49.4	49.4	49.4	49.4	49.6
≥ 20000	14.2	35.4	41.7	48.2	52.3	54.3	55.5	56.7	57.0	57.5	57.8	57.9	57.9	57.9	57.9	58.1
IV 18000	14.2	35.5	42.0	48.6	52.7	54.8	55.9	57.2	57.4	57.9	58.3	58.3	58.4	58.4	58.4	58.6
IV 16000	14.2	35.6	42.2	48.0	53.0	55.0	56.2	57.4	57.7	58.2	58.5	58.6	58.6	58.6	58.6	58.8
IV 14000	14.5	36.5	43.2	50.1	54.4	56.6	57.7	59.0	59.3	59.8	60.1	60.2	60.2	60.2	60.2	60.4
IV 12000	15.4	38.6	45.8	52.9	57.6	59.7	61.1	62.7	62.9	63.4	63.7	63.8	63.8	63.8	63.8	64.0
IV 10000	16.8	42.4	50.4	58.0	63.3	65.6	67.0	68.8	69.1	69.7	70.0	70.1	70.1	70.1	70.1	70.3
IV 9000	17.3	43.9	52.2	59.9	65.4	67.6	69.2	70.9	71.2	71.8	72.2	72.2	72.3	72.3	72.3	72.5
IV 8000	17.9	45.6	54.5	62.5	68.3	70.7	72.3	74.2	74.5	75.1	75.4	75.5	75.6	75.6	75.6	75.9
IV 7000	18.4	47.0	56.1	64.3	70.3	72.7	74.4	76.3	76.6	77.3	77.6	77.7	77.8	77.8	77.8	78.1
IV 6000	18.5	47.8	57.1	65.4	71.3	73.8	75.4	77.4	77.7	78.4	78.7	78.7	78.9	78.9	78.9	79.2
IV 5000	18.8	48.6	58.2	66.8	73.0	75.5	77.2	79.3	79	80.6	80.6	80.8	80.8	80.8	80.8	81.1
IV 4500	18.9	49.0	58.6	67.3	73.5	76.0	77.7	79.8	80	81.2	81.2	81.4	81.4	81.4	81.4	81.7
IV 4000	19.0	49.7	59.3	68.3	74.6	77.1	78.8	81.1	81.1	82.5	82.6	82.8	82.8	82.8	82.8	83.1
IV 3500	19.1	50.0	59.9	68.6	74.9	77.5	79.3	81.0	81.9	82.7	83.1	83.1	83.3	83.3	83.4	83.6
IV 3000	19.1	50.4	60.5	69.6	76.1	78.7	80.5	82.9	83.2	84.0	84.4	84.4	84.7	84.7	84.7	85.0
IV 2500	19.2	50.9	61.2	70.3	76.8	79.6	81.4	83.8	84.0	84.8	85.2	85.3	85.5	85.5	85.6	85.8
IV 2000	19.3	51.3	61.7	70.8	77.5	80.3	82.1	84.6	84.9	85.6	86.0	86.1	86.4	86.4	86.4	86.7
IV 1800	19.3	51.5	61.9	71.1	77.8	80.5	82.4	84.8	85.1	85.9	86.3	86.3	86.6	86.6	86.7	86.9
IV 1500	19.4	52.0	62.6	72.0	78.8	81.6	83.5	86.0	86.3	87.1	87.5	87.6	87.8	87.8	87.9	88.1
IV 1200	19.5	52.7	63.5	73.0	79.9	82.8	84.9	87.6	87.9	88.7	89.1	89.1	89.5	89.5	89.5	89.8
IV 1000	19.6	53.6	64.5	74.1	81.3	84.1	86.3	89.1	89.5	90.3	90.8	90.8	91.2	91.2	91.2	91.5
IV 900	19.7	54.0	64.9	74.6	82.0	84.9	87.1	90.0	90.4	91.2	91.6	91.7	92.1	92.1	92.1	92.4
IV 800	19.7	54.5	65.5	75.4	82.9	85.8	88.1	91.1	91.5	92.3	92.8	92.8	93.2	93.2	93.3	93.5
IV 700	19.8	55.0	66.0	76.1	83.7	86.6	89.0	92.0	92.4	93.2	93.7	93.7	94.2	94.2	94.2	94.4
IV 600	19.8	55.0	66.1	76.4	84.2	87.1	89.7	92.8	93.2	94.1	94.6	94.7	95.1	95.1	95.2	95.4
IV 500	19.8	55.0	66.2	76.6	84.7	87.8	90.6	93.9	94.3	95.3	95.9	95.9	96.4	96.4	96.5	96.7
IV 400	19.9	55.1	66.3	76.7	84.9	88.2	91.1	94.4	94.9	95.9	96.6	96.7	97.2	97.2	97.4	97.6
IV 300	19.9	55.1	66.3	76.8	85.0	88.3	91.3	94.7	95.2	96.6	97.5	97.6	98.1	98.1	98.2	98.5
IV 200	19.9	55.1	66.3	76.8	85.0	88.4	91.3	94.7	95.2	96.7	97.7	97.9	98.4	98.4	98.6	99.0
IV 100	19.9	55.1	66.3	76.8	85.0	88.4	91.3	94.7	95.2	96.7	97.8	98.0	98.6	98.7	99.0	99.5
IV 0	19.9	55.1	66.3	76.8	85.0	88.4	91.3	94.7	95.2	96.7	97.8	98.0	98.6	98.7	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2394

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13707
STATION

DOVER AFB DELAWARE
STATION NAME

43-46, 51-72
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥1/8	≥0
NO CEILING	21.2	43.0	47.3	50.0	50.8	51.3	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
≥ 20000	23.7	49.6	54.4	57.7	58.7	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 18000	23.8	49.9	54.9	58.2	59.2	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 16000	23.9	50.2	55.2	58.5	59.6	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ 14000	24.4	51.3	56.6	60.0	61.1	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 12000	25.7	54.4	60.4	64.1	65.3	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 10000	27.1	57.7	64.4	68.7	70.0	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 9000	27.7	58.8	65.5	69.8	71.3	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 8000	28.4	61.2	68.4	73.2	74.7	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 7000	29.1	62.2	69.6	74.6	76.1	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 6000	29.3	62.8	70.2	75.3	76.9	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 5000	29.5	63.5	71.0	76.1	77.7	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 4500	29.6	63.7	71.3	76.5	78.1	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 4000	29.8	64.9	72.8	78.1	79.9	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 3500	30.0	65.4	73.5	78.8	80.7	81.4	81.6	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 3000	30.3	67.0	75.4	81.0	83.0	83.7	84.0	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 2500	30.8	68.0	76.6	82.4	84.5	85.2	85.3	85.3	85.3	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 2000	31.7	69.6	78.6	84.5	86.8	87.6	88.0	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 1800	31.9	70.4	79.5	85.5	87.9	88.7	89.1	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 1500	32.3	71.6	81.0	87.3	89.9	90.7	91.3	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 1200	32.6	72.6	82.2	88.8	91.7	92.6	93.2	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 1000	32.8	73.3	83.4	90.3	93.6	94.3	95.2	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 900	32.8	73.5	83.8	90.8	94.1	95.1	95.9	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 800	32.8	73.7	84.0	91.1	94.7	95.7	96.7	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 700	32.9	74.1	84.5	91.6	95.4	96.5	97.3	98.0	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2
≥ 600	33.0	74.3	84.8	92.0	95.8	97.0	98.0	98.5	98.5	98.8	98.9	98.9	98.9	98.9	98.9	98.9
≥ 500	33.0	74.6	85.1	92.3	96.1	97.3	98.5	99.0	99.1	99.3	99.5	99.5	99.5	99.5	99.5	99.5
≥ 400	33.0	74.6	85.1	92.4	96.2	97.4	98.6	99.2	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	33.0	74.6	85.1	92.4	96.2	97.4	98.6	99.2	99.3	99.7	99.9	99.9	99.9	100.0	100.0	100.0
≥ 200	33.0	74.6	85.1	92.4	96.2	97.4	98.6	99.2	99.3	99.7	99.9	99.9	99.9	100.0	100.0	100.0
≥ 100	33.0	74.6	85.1	92.4	96.2	97.4	98.6	99.2	99.3	99.7	99.9	100.0	100.0	100.0	100.0	100.0
≥ 0	33.0	74.6	85.1	92.4	96.2	97.4	98.6	99.2	99.3	99.7	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2393

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13707
STATION

DOVER AFB DELAWARE
STATION NAME

43-46, 51-72
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	25.3	44.4	46.9	48.7	49.0	49.4	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
≥ 20000	29.4	52.8	56.0	58.0	58.4	58.9	59.1	59.1	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2
≥ 18000	29.5	53.2	56.4	58.4	58.8	59.2	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
≥ 16000	30.0	53.9	57.3	59.3	59.7	60.2	60.4	60.4	60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.5
≥ 14000	30.4	55.0	58.5	60.6	61.1	61.5	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 12000	30.8	57.1	61.1	63.4	63.9	64.3	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 10000	32.3	60.0	64.3	67.2	67.7	68.1	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 9000	32.6	61.1	65.6	68.5	69.1	69.5	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 8000	33.1	62.9	67.4	70.5	71.3	71.7	71.9	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 7000	33.6	64.1	68.7	71.9	72.8	73.2	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 6000	33.7	64.6	69.4	72.6	73.5	73.9	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 5000	34.1	66.0	71.0	74.4	75.4	75.8	76.0	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 4500	34.5	66.7	71.8	75.2	76.2	76.6	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 4000	35.4	69.0	74.3	78.1	79.3	79.8	80.2	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 3500	36.2	70.4	75.9	79.8	81.2	81.7	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 3000	37.7	74.1	80.0	84.2	85.7	86.3	86.8	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 2500	38.9	76.8	83.3	87.8	89.5	90.1	90.7	90.7	90.7	90.8	90.9	90.9	90.9	90.9	90.9	90.9
≥ 2000	39.3	78.4	85.4	90.1	92.0	92.7	93.5	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 1800	39.5	78.8	85.7	90.5	92.4	93.0	93.9	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1500	39.5	79.5	86.7	91.8	93.9	94.5	95.4	95.6	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 1200	39.6	80.1	87.3	92.5	94.9	95.6	96.6	96.9	97.0	97.2	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1000	39.6	80.3	87.6	93.0	95.4	96.1	97.2	97.7	97.7	97.9	98.1	98.1	98.1	98.1	98.1	98.1
≥ 900	39.6	80.4	87.7	93.1	95.6	96.3	97.4	97.9	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3
≥ 800	39.6	80.5	88.0	93.5	96.1	96.8	97.9	98.4	98.5	98.7	98.9	98.9	98.9	98.9	98.9	98.9
≥ 700	39.6	80.6	88.1	93.7	96.4	97.1	98.3	98.7	98.8	99.1	99.2	99.2	99.2	99.2	99.2	99.2
≥ 600	39.6	80.6	88.2	93.8	96.6	97.3	98.6	99.1	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500	39.6	80.7	88.2	93.9	96.7	97.5	98.9	99.3	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	39.6	80.7	88.2	93.9	96.7	97.5	98.9	99.4	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	39.6	80.7	88.2	93.9	96.7	97.5	98.9	99.4	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	39.6	80.7	88.2	93.9	96.7	97.5	98.9	99.4	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	39.6	80.7	88.2	93.9	96.7	97.5	98.9	99.4	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	39.6	80.7	88.2	93.9	96.7	97.5	98.9	99.4	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS. 2387

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13707
STATION

DOVER AFB DELAWARE
STATION NAME

43-46, 51-72
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1300-1700
HOURS - 151

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	26.7	46.1	49.4	51.1	51.5	51.7	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 20000	30.9	56.8	60.9	63.3	64.0	64.2	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
IV 18000	31.1	57.3	61.4	63.9	64.6	64.8	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
IV 16000	31.2	57.6	61.9	64.4	65.1	65.3	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
IV 14000	31.9	59.3	63.6	66.3	67.0	67.2	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
IV 12000	32.9	61.2	65.8	68.6	69.4	69.6	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
IV 10000	34.0	64.0	69.1	72.1	73.0	73.2	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
IV 9000	34.6	65.4	70.7	73.8	74.7	74.9	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
IV 8000	35.0	67.1	72.6	75.8	76.9	77.2	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
IV 7000	35.4	68.1	74.0	77.1	78.2	78.5	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
IV 6000	35.5	68.7	74.7	78.0	79.1	79.4	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
IV 5000	36.1	70.3	76.4	79.9	81.2	81.4	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
IV 4500	36.3	71.2	77.3	80.8	82.2	82.4	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
IV 4000	37.0	73.1	79.6	83.4	84.8	85.1	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
IV 3500	37.5	74.7	81.4	85.5	87.0	87.4	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
IV 3000	38.7	77.0	83.9	88.2	90.0	90.4	91.0	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3
IV 2500	39.2	78.3	85.4	89.8	91.8	92.2	92.9	93.1	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2
IV 2000	39.4	79.1	86.4	91.1	93.2	93.6	94.4	94.6	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8
IV 1800	39.4	79.3	86.6	91.2	93.4	93.8	94.6	94.8	94.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0
IV 1500	39.4	79.6	87.2	92.1	94.4	94.8	95.7	96.0	96.0	96.2	96.3	96.3	96.3	96.3	96.3	96.3
IV 1200	39.5	80.1	87.9	93.0	95.4	95.9	96.8	97.1	97.1	97.3	97.4	97.4	97.4	97.4	97.4	97.4
IV 1000	39.5	80.6	88.4	93.6	96.1	96.7	97.6	98.0	98.0	98.2	98.4	98.4	98.4	98.4	98.4	98.4
IV 900	39.5	80.7	88.6	93.8	96.4	97.0	98.0	98.3	98.3	98.6	98.7	98.7	98.7	98.7	98.7	98.7
IV 800	39.5	80.8	88.7	94.2	96.8	97.4	98.3	98.7	98.7	99.0	99.1	99.1	99.1	99.1	99.1	99.1
IV 700	39.5	80.9	88.9	94.4	97.0	97.6	98.5	98.9	99.0	99.3	99.4	99.4	99.4	99.4	99.4	99.4
IV 600	39.5	81.0	88.9	94.4	97.0	97.7	98.7	99.0	99.1	99.4	99.5	99.5	99.5	99.5	99.5	99.5
IV 500	39.5	81.0	89.0	94.5	97.1	97.8	98.8	99.2	99.2	99.5	99.7	99.7	99.7	99.7	99.7	99.7
IV 400	39.5	81.0	89.0	94.5	97.2	97.9	98.9	99.3	99.3	99.6	99.8	99.8	99.8	99.8	99.8	99.8
IV 300	39.5	81.1	89.1	94.6	97.2	97.9	99.0	99.3	99.4	99.7	99.8	99.8	99.9	99.9	99.9	99.9
IV 200	39.5	81.1	89.1	94.6	97.2	97.9	99.0	99.3	99.4	99.7	99.8	99.8	99.9	99.9	99.9	99.9
IV 100	39.5	81.1	89.1	94.6	97.2	97.9	99.0	99.3	99.4	99.7	99.8	99.8	100.0	100.0	100.0	100.0
IV 0	39.5	81.1	89.1	94.6	97.2	97.9	99.0	99.3	99.4	99.7	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

2404

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13707
STATION

DOVER AFB DELAWARE
STATION NAME

43-46, 51-72
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-2000
HOURS L. ST.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	24.0	46.9	50.8	53.2	54.1	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
≥ 20000	20.1	57.1	62.4	65.6	66.6	66.8	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
IV 18000	28.1	57.3	62.6	65.9	67.0	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
IV 16000	20.1	57.6	63.0	66.2	67.4	67.6	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
IV 14000	28.6	59.0	64.6	67.9	69.0	69.2	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
IV 12000	29.3	61.3	67.3	70.7	71.9	72.1	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
IV 10000	30.6	65.7	72.1	73.7	76.9	77.3	77.5	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7
IV 9000	31.1	67.0	73.5	77.2	78.5	78.8	79.0	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
IV 8000	31.5	69.0	75.6	79.6	81.1	81.5	81.8	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
IV 7000	31.7	70.0	76.9	81.2	82.6	83.1	83.3	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
IV 6000	31.0	70.6	78.0	82.4	83.8	84.3	84.6	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
IV 5000	32.0	71.7	79.3	84.0	85.6	86.1	86.4	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
IV 4500	32.0	72.0	79.7	84.4	86.1	86.6	86.9	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3
IV 4000	32.3	73.4	81.4	86.1	87.9	88.4	88.7	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
IV 3500	32.4	74.1	82.4	87.2	89.2	89.7	89.9	90.2	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4
IV 3000	32.6	75.3	83.8	89.1	91.2	91.8	92.2	92.4	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6
IV 2500	32.0	76.0	84.6	89.9	92.3	92.8	93.3	93.6	93.7	93.8	93.8	93.8	93.9	93.9	93.9	93.9
IV 2000	33.0	76.6	85.3	90.8	93.4	94.0	94.6	95.0	95.2	95.3	95.3	95.4	95.4	95.4	95.4	95.4
IV 1800	33.0	76.8	85.6	91.2	93.8	94.4	95.1	95.5	95.6	95.7	95.8	95.8	95.9	95.9	95.9	95.9
IV 1500	33.0	77.2	86.2	91.8	94.5	95.1	95.9	96.3	96.5	96.7	96.7	96.7	96.8	96.8	96.8	96.8
IV 1200	33.0	77.6	86.6	92.3	95.0	95.6	96.5	96.9	97.1	97.2	97.3	97.3	97.4	97.4	97.4	97.4
IV 1000	33.1	77.8	87.0	92.8	95.6	96.2	97.1	97.6	97.7	98.0	98.0	98.0	98.1	98.1	98.1	98.1
IV 900	33.2	78.0	87.2	93.1	95.8	96.5	97.4	97.9	98.0	98.2	98.3	98.3	98.4	98.4	98.4	98.4
IV 800	33.2	78.0	87.3	93.3	96.2	96.8	97.7	98.2	98.4	98.6	98.6	98.7	98.7	98.7	98.7	98.7
IV 700	33.2	78.0	87.3	93.4	96.4	97.0	98.0	98.5	98.7	98.9	98.9	99.0	99.0	99.0	99.0	99.0
IV 600	33.2	78.1	87.4	93.5	96.6	97.3	98.3	98.8	99.0	99.2	99.2	99.2	99.3	99.3	99.3	99.3
IV 500	33.2	78.1	87.4	93.5	96.7	97.4	98.5	99.0	99.1	99.4	99.4	99.5	99.5	99.5	99.5	99.5
IV 400	33.2	78.1	87.5	93.6	96.7	97.5	98.6	99.1	99.2	99.5	99.5	99.6	99.7	99.7	99.7	99.7
IV 300	33.2	78.1	87.4	93.7	96.8	97.7	98.8	99.3	99.5	99.7	99.7	99.8	99.9	99.9	99.9	99.9
IV 200	33.2	78.1	87.5	93.7	97.0	97.7	98.9	99.3	99.5	99.7	99.8	99.9	100.0	100.0	100.0	100.0
IV 100	33.2	78.1	87.5	93.7	97.0	97.7	98.9	99.3	99.5	99.7	99.8	99.9	100.0	100.0	100.0	100.0
IV 0	33.2	78.1	87.5	93.7	97.0	97.7	98.9	99.3	99.5	99.7	99.8	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

2397

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13707
STATION

DOVER AFB DELAWARE
STATION NAME

43-46, 51-72
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	21.2	51.1	55.5	58.3	60.7	61.5	61.9	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 20000	22.3	58.0	63.2	66.7	69.6	70.3	70.9	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 18000	22.3	58.2	63.3	66.8	69.7	70.4	71.0	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 16000	22.4	58.7	63.9	67.3	70.3	71.0	71.6	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 14000	22.5	59.4	64.6	68.3	71.2	72.0	72.6	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 12000	22.8	60.8	66.3	70.0	73.0	73.8	74.4	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 10000	23.6	64.0	70.2	74.3	77.8	78.5	79.3	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.7
≥ 9000	23.8	64.6	71.0	75.1	78.7	79.5	80.2	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.6	80.6
≥ 8000	24.2	66.5	72.9	77.2	81.0	81.8	82.6	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	83.0
≥ 7000	24.5	67.3	74.0	78.5	82.4	83.2	84.1	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.5	84.5
≥ 6000	24.6	67.9	74.8	79.5	83.3	84.1	85.0	85.2	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 5000	24.8	69.0	76.1	80.9	85.0	85.8	86.7	86.9	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 4500	24.9	69.5	76.8	81.8	85.9	86.7	87.6	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.1	88.1
≥ 4000	25.1	70.4	78.0	83.1	87.4	88.3	89.2	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.7
≥ 3500	25.1	70.9	78.7	84.0	88.4	89.2	90.1	90.4	90.4	90.5	90.5	90.5	90.5	90.6	90.6	90.6
≥ 3000	25.2	71.5	79.5	84.9	89.4	90.2	91.1	91.4	91.4	91.5	91.5	91.5	91.5	91.6	91.6	91.6
≥ 2500	25.2	72.0	80.0	85.5	90.3	91.1	92.2	92.5	92.5	92.7	92.7	92.7	92.7	92.8	92.8	92.8
≥ 2000	25.2	72.6	80.7	86.4	91.3	92.2	93.3	93.6	93.6	93.8	93.9	93.9	93.9	93.9	93.9	94.0
≥ 1800	25.2	72.8	81.0	86.6	91.8	92.6	93.8	94.0	94.1	94.3	94.3	94.3	94.3	94.4	94.4	94.4
≥ 1500	25.2	73.1	81.5	87.2	92.5	93.3	94.6	94.8	94.8	95.0	95.1	95.1	95.1	95.2	95.2	95.2
≥ 1200	25.2	73.5	82.0	87.9	93.4	94.3	95.6	95.9	96.0	96.2	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1000	25.2	73.8	82.5	88.7	94.3	95.2	96.6	97.0	97.0	97.3	97.3	97.3	97.3	97.4	97.4	97.4
≥ 900	25.4	73.9	82.5	88.7	94.3	95.3	96.7	97.1	97.2	97.4	97.5	97.5	97.5	97.5	97.5	97.6
≥ 800	25.5	74.0	82.7	88.9	94.8	95.7	97.2	97.7	97.7	98.0	98.0	98.0	98.0	98.1	98.1	98.1
≥ 700	25.5	74.0	82.8	89.0	95.0	95.9	97.4	98.0	98.0	98.3	98.3	98.3	98.3	98.4	98.4	98.4
≥ 600	25.5	74.1	83.0	89.2	95.3	96.3	97.8	98.3	98.4	98.7	98.8	98.8	98.8	98.8	98.8	98.8
≥ 500	25.5	74.1	83.0	89.3	95.4	96.4	97.9	98.4	98.5	98.8	98.9	98.9	98.9	98.9	98.9	99.0
≥ 400	25.5	74.2	83.1	89.4	95.5	96.5	98.1	98.7	98.8	99.1	99.2	99.2	99.2	99.2	99.2	99.3
≥ 300	25.5	74.2	83.1	89.4	95.5	96.6	98.2	98.8	99.0	99.3	99.4	99.4	99.4	99.4	99.4	99.5
≥ 200	25.5	74.2	83.2	89.5	95.7	96.7	98.4	99.0	99.1	99.4	99.5	99.5	99.6	99.6	99.6	99.7
≥ 100	25.5	74.3	83.2	89.6	95.8	96.8	98.5	99.2	99.3	99.6	99.7	99.7	99.7	99.8	99.8	99.9
≥ 0	25.5	74.3	83.2	89.6	95.8	96.8	98.5	99.2	99.3	99.6	99.7	99.7	99.7	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 2404

3

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13707
STATION

DUVER AFB DELAWARE
STATION NAME

43-46,51-72
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	13.1	41.9	48.9	54.8	60.5	61.1	63.2	63.7	63.9	64.5	64.5	64.5	64.7	64.7	64.8	64.9
≥ 20000	13.8	45.5	53.1	59.3	65.4	66.1	68.5	68.9	69.1	69.7	69.7	69.7	69.9	69.9	70.0	70.1
≥ 18000	13.8	45.5	53.1	59.3	65.6	66.3	68.4	69.1	69.3	69.8	69.9	69.9	71.0	70.0	70.2	70.3
≥ 16000	13.9	45.7	53.3	59.6	65.8	66.5	68.6	69.3	69.5	70.0	70.1	70.1	70.2	70.2	70.4	70.5
≥ 14000	13.9	46.4	54.1	60.5	66.8	67.5	69.7	70.3	70.5	71.1	71.1	71.1	71.3	71.3	71.4	71.5
≥ 12000	14.1	47.7	55.7	62.4	68.8	69.5	71.7	72.4	72.6	73.1	73.2	73.2	73.4	73.4	73.5	73.6
≥ 10000	14.8	50.2	58.6	65.6	72.3	73.2	75.4	76.1	76.3	76.8	77.0	77.0	77.1	77.1	77.2	77.4
≥ 9000	15.0	51.1	59.6	66.7	73.4	74.3	76.6	77.3	77.5	78.1	78.2	78.2	78.4	78.4	78.5	78.7
≥ 8000	15.7	52.7	61.3	68.8	76.0	76.9	79.2	79.9	80.1	80.7	80.9	80.9	81.0	81.0	81.1	81.4
≥ 7000	16.0	53.8	62.7	70.3	77.9	78.8	81.3	82.1	82.3	82.8	83.0	83.0	83.1	83.1	83.3	83.5
≥ 6000	16.0	54.6	63.5	71.2	78.9	79.8	82.3	83.1	83.3	83.9	84.0	84.0	84.2	84.2	84.4	84.6
≥ 5000	16.2	55.4	64.4	72.2	80.0	80.9	83.6	84.5	84.7	85.3	85.4	85.4	85.6	85.6	85.7	86.0
≥ 4500	16.2	55.6	64.6	72.6	80.4	81.3	84.0	84.8	85.0	85.7	85.9	85.9	86.0	86.0	86.2	86.4
≥ 4000	16.2	55.9	65.0	73.4	81.3	82.3	85.1	86.1	86.3	87.1	87.2	87.2	87.4	87.4	87.5	87.7
≥ 3500	16.3	56.2	65.4	73.8	81.8	82.8	85.7	86.7	86.9	87.6	87.8	87.8	87.9	87.9	88.1	88.3
≥ 3000	16.3	56.8	66.1	74.8	82.9	84.0	86.9	87.9	88.1	88.9	89.1	89.1	89.2	89.2	89.4	89.6
≥ 2500	16.4	57.1	66.5	75.4	83.3	84.6	87.6	88.8	89.0	89.8	90.0	90.0	90.1	90.1	90.3	90.5
≥ 2000	16.4	57.8	67.5	76.8	85.2	86.2	89.3	90.5	90.7	91.5	91.7	91.7	91.8	91.8	92.0	92.2
≥ 1800	16.4	57.9	67.6	76.9	85.3	86.4	89.5	90.6	90.9	91.7	91.9	91.9	92.0	92.0	92.2	92.4
≥ 1500	16.6	58.6	68.4	77.8	86.4	87.7	90.8	92.1	92.3	93.2	93.4	93.4	93.5	93.5	93.7	93.9
≥ 1200	16.7	59.1	69.0	78.5	87.3	88.5	91.7	93.0	93.2	94.2	94.3	94.3	94.5	94.5	94.7	94.9
≥ 1000	16.8	59.3	69.3	79.0	87.9	89.2	92.3	93.7	93.9	94.9	95.0	95.0	95.2	95.2	95.4	95.6
≥ 900	16.8	59.5	69.6	79.3	88.2	89.5	92.7	94.0	94.2	95.2	95.4	95.4	95.5	95.5	95.7	95.9
≥ 800	16.8	59.7	70.0	79.3	88.9	90.1	93.3	94.9	95.1	96.2	96.4	96.4	96.5	96.5	96.7	96.9
≥ 700	16.8	59.9	70.3	80.3	89.5	90.8	94.2	95.6	95.9	96.9	97.1	97.1	97.3	97.3	97.4	97.6
≥ 600	16.8	60.0	70.4	80.4	89.6	90.9	94.3	95.8	96.0	97.2	97.4	97.4	97.6	97.6	97.7	97.9
≥ 500	16.9	60.2	70.6	80.6	89.8	91.2	94.7	96.1	96.4	97.6	97.9	97.9	98.1	98.1	98.2	98.4
≥ 400	16.9	60.2	70.6	80.6	89.9	91.3	94.8	96.4	96.6	97.9	98.1	98.1	98.3	98.3	98.5	98.7
≥ 300	16.9	60.2	70.6	80.6	90.0	91.3	94.9	96.5	96.8	98.1	98.3	98.3	98.5	98.5	98.7	98.9
≥ 200	16.9	60.2	70.6	80.6	90.0	91.4	94.9	96.7	97.0	98.4	98.7	98.7	98.9	98.9	99.2	99.4
≥ 100	16.9	60.2	70.6	80.6	90.0	91.4	94.9	96.7	97.0	98.4	98.8	98.8	99.2	99.2	99.4	99.7
≥ 0	16.9	60.2	70.6	80.6	90.0	91.4	94.9	96.7	97.0	98.4	98.8	98.8	99.2	99.2	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 2413

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13707
STATION

DOVER AFB DELAWARE
STATION NAME

43-46, 51-72
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	10.4	33.2	40.4	45.9	51.7	53.2	56.4	58.2	58.4	59.4	59.7	59.8	60.5	60.6	61.3	61.6
≥ 20000	10.8	35.5	43.3	49.2	55.7	57.5	60.8	62.7	63.0	64.0	64.4	64.5	65.2	65.2	65.9	66.2
≥ 18000	10.8	35.5	43.3	49.2	55.7	57.5	60.8	62.7	63.0	64.0	64.4	64.5	65.2	65.2	65.9	66.2
≥ 16000	10.9	35.8	43.6	49.5	56.0	57.7	61.1	63.0	63.3	64.2	64.6	64.7	65.4	65.5	66.2	66.4
≥ 14000	11.0	36.3	44.3	50.4	56.9	58.6	62.0	64.0	64.3	65.4	65.8	65.9	66.6	66.6	67.3	67.6
≥ 12000	11.2	37.0	45.1	51.3	58.4	60.3	63.7	65.8	66.1	67.1	67.6	67.7	68.4	68.5	69.2	69.5
IV 10000	11.8	39.3	48.1	54.6	62.2	64.1	67.7	69.9	70.3	71.4	71.9	72.0	72.7	72.8	73.5	73.9
IV 9000	11.9	39.9	48.9	55.7	63.4	65.3	69.0	71.2	71.5	72.7	73.3	73.4	74.1	74.2	74.9	75.2
IV 8000	12.3	41.1	50.6	57.5	65.5	67.5	71.2	73.5	73.8	75.0	75.6	75.7	76.4	76.5	77.2	77.6
IV 7000	12.8	42.8	52.4	59.6	67.7	69.8	73.6	75.9	76.3	77.5	78.1	78.2	78.9	79.0	79.7	80.0
IV 6000	12.8	43.2	52.8	60.1	68.4	70.5	74.4	76.8	77.1	78.3	78.9	79.0	79.8	79.8	80.5	80.9
IV 5000	12.9	43.8	53.5	61.0	69.5	71.6	75.7	78.2	78.5	79.7	80.3	80.4	81.2	81.2	82.0	82.3
IV 4500	13.0	44.1	53.8	61.4	69.9	72.0	76.2	78.7	79.0	80.2	80.8	80.9	81.7	81.7	82.5	82.8
IV 4000	13.1	44.5	54.4	62.3	71.0	73.3	77.5	80.0	80.4	81.6	82.2	82.3	83.0	83.1	83.8	84.2
IV 3500	13.1	44.8	54.9	62.7	71.5	73.9	78.1	80.6	81.0	82.2	82.8	82.9	83.6	83.7	84.4	84.7
IV 3000	13.2	45.4	55.6	63.5	72.4	74.9	79.2	81.8	82.2	83.5	84.1	84.2	84.9	85.0	85.7	86.1
IV 2500	13.4	46.1	56.2	64.2	73.2	75.6	80.1	82.9	83.2	84.5	85.1	85.2	86.0	86.0	86.8	87.1
IV 2000	13.4	46.7	57.2	65.3	74.6	77.2	81.7	84.4	84.9	86.1	86.7	86.7	87.6	87.6	88.4	88.7
IV 1800	13.5	46.9	57.3	65.5	74.8	77.4	81.9	84.7	85.1	86.3	86.9	87.0	87.8	87.8	88.6	88.9
IV 1500	13.6	47.4	57.9	66.1	75.5	78.1	82.7	85.6	86.1	87.4	88.0	88.1	88.9	88.9	89.7	90.0
IV 1200	13.5	47.5	58.4	66.7	76.2	78.8	83.5	86.4	86.9	88.2	88.8	88.9	89.7	89.8	90.5	90.8
IV 1000	13.7	47.7	58.7	67.1	76.8	79.6	84.4	87.3	87.9	89.3	90.0	90.1	90.9	91.0	91.7	92.0
IV 900	13.8	47.9	59.0	67.4	77.2	80.0	84.9	87.9	88.5	89.9	90.6	90.7	91.5	91.6	92.3	92.7
IV 800	13.8	48.2	59.4	68.1	78.1	80.9	85.8	88.9	89.5	90.9	91.7	91.7	92.6	92.7	93.5	93.9
IV 700	13.8	48.4	59.8	68.6	78.7	81.7	86.7	89.9	90.5	91.9	92.7	92.8	93.7	93.7	94.6	94.9
IV 600	13.8	48.6	60.1	69.1	79.5	82.5	87.6	90.8	91.5	92.9	93.7	93.7	94.6	94.6	95.6	95.9
IV 500	13.8	48.7	60.3	69.3	79.8	82.9	88.2	91.5	92.2	93.7	94.5	94.6	95.5	95.5	96.4	96.8
IV 400	13.8	48.8	60.3	69.5	80.1	83.2	88.6	92.2	92.9	94.5	95.4	95.4	96.3	96.4	97.3	97.6
IV 300	13.8	48.8	60.4	69.5	80.2	83.3	88.8	92.4	93.2	94.9	95.8	95.9	96.8	96.9	97.9	98.3
IV 200	13.8	48.8	60.4	69.5	80.2	83.3	88.8	92.5	93.3	95.1	96.1	96.3	97.3	97.4	98.5	99.3
IV 100	13.8	48.8	60.4	69.5	80.2	83.3	88.8	92.5	93.3	95.1	96.1	96.3	97.3	97.5	98.6	100.0
IV 0	13.8	48.8	60.4	69.5	80.2	83.3	88.8	92.5	93.3	95.1	96.1	96.3	97.3	97.5	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS

2411

USAF ETAC

FORM
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

13767
STATION

DOVER AFB DELAWARE
STATION NAME

43-46, 51-72
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	11.1	29.9	35.9	40.8	46.3	48.3	50.1	51.6	52.0	52.6	53.2	53.3	53.6	53.7	53.7	54.0
≥ 20000	12.2	33.3	40.1	45.9	52.1	54.4	56.6	58.2	58.6	59.4	60.2	60.7	60.7	60.8	60.9	61.2
IV 18000	12.3	33.4	40.2	46.0	52.2	54.5	56.7	58.3	58.7	59.5	60.3	60.4	60.8	60.9	61.1	61.4
IV 16000	12.3	33.6	40.4	46.3	52.5	54.8	57.0	58.6	59.0	59.8	60.6	60.7	61.1	61.2	61.4	61.7
IV 14000	12.6	34.6	41.5	47.6	54.0	56.2	58.5	60.1	60.4	61.3	62.0	62.1	62.6	62.7	62.8	63.1
IV 12000	13.0	36.2	43.6	50.1	56.9	59.2	61.5	63.3	63.7	64.6	65.3	65.4	65.9	66.0	66.2	66.6
IV 10000	13.7	39.2	47.0	54.1	61.5	63.9	66.4	68.4	68.8	69.8	70.7	70.8	71.3	71.4	71.6	72.0
IV 9000	14.1	40.5	48.5	55.7	63.2	65.7	68.3	70.3	70.6	71.7	72.6	72.7	73.2	73.4	73.6	74.0
IV 8000	14.3	42.3	50.6	58.0	65.8	68.4	71.1	73.1	73.5	74.6	75.7	75.8	76.3	76.4	76.6	77.0
IV 7000	14.6	43.3	51.8	59.3	67.4	70.1	72.9	75.0	75.4	76.4	77.6	77.6	78.1	78.2	78.5	78.9
IV 6000	14.7	43.8	52.4	60.0	68.2	71.0	73.8	75.9	76.3	77.4	78.5	78.6	79.1	79.2	79.4	79.9
IV 5000	14.7	44.6	53.2	61.1	69.5	72.4	75.3	77.4	77.8	78.9	80.1	80.1	80.6	80.8	81.0	81.4
IV 4500	14.8	44.8	53.5	61.3	69.8	72.7	75.6	77.7	78.1	79.3	80.4	80.5	81.0	81.1	81.3	81.8
IV 4000	14.9	45.4	54.1	62.0	70.7	73.6	76.6	78.8	79.1	80.3	81.4	81.5	82.0	82.1	82.4	82.8
IV 3500	15.0	45.7	54.5	62.6	71.4	74.3	77.2	79.4	79.8	80.9	82.1	82.2	82.7	82.8	83.1	83.5
IV 3000	15.1	46.0	54.9	63.1	71.9	74.9	77.9	80.1	80.5	81.7	82.9	83.0	83.5	83.6	83.9	84.3
IV 2500	15.2	46.5	55.5	63.7	72.6	75.7	78.8	81.0	81.4	82.6	83.9	84.0	84.5	84.6	84.8	85.3
IV 2000	15.2	47.1	56.2	64.7	73.8	76.8	80.0	82.4	82.8	84.1	85.4	85.5	86.0	86.1	86.3	86.8
IV 1800	15.2	47.3	56.5	64.9	74.0	77.0	80.2	82.6	83.1	84.4	85.6	85.7	86.2	86.3	86.6	87.1
IV 1500	15.4	47.7	57.0	65.6	74.9	77.9	81.3	83.7	84.1	85.5	86.8	86.9	87.4	87.6	87.8	88.3
IV 1200	15.4	48.0	57.5	66.2	75.7	78.7	82.3	84.7	85.2	86.6	87.9	88.0	88.5	88.6	88.9	89.3
IV 1000	15.4	48.3	57.9	66.8	76.4	79.5	83.1	85.8	86.2	87.7	89.1	89.2	89.8	89.9	90.2	90.6
IV 900	15.4	48.5	58.1	67.2	76.7	79.9	83.5	86.3	86.7	88.3	89.7	89.8	90.3	90.5	90.7	91.2
IV 800	15.4	48.7	58.5	67.8	77.7	81.0	84.7	87.5	88.0	89.6	91.0	91.0	91.7	91.8	92.0	92.5
IV 700	15.4	49.0	58.9	68.4	78.7	82.0	85.9	88.8	89.3	90.9	92.4	92.5	93.1	93.3	93.5	94.0
IV 600	15.4	49.2	59.3	69.1	79.5	82.9	86.9	89.9	90.5	92.1	93.6	93.8	94.5	94.6	94.9	95.4
IV 500	15.4	49.4	59.7	69.5	80.2	83.7	87.8	90.9	91.5	93.4	95.3	95.5	96.1	96.3	96.6	97.2
IV 400	15.4	49.4	59.7	69.5	80.3	83.9	88.2	91.3	91.9	93.9	95.8	96.0	96.6	96.8	97.1	97.8
IV 300	15.4	49.4	59.7	69.6	80.4	84.0	88.3	91.5	92.1	94.1	96.1	96.3	97.0	97.2	97.6	98.2
IV 200	15.4	49.4	59.7	69.7	80.6	84.1	88.4	91.7	92.5	94.5	96.4	96.6	97.4	97.6	98.2	99.0
IV 100	15.4	49.4	59.7	69.7	80.6	84.1	88.4	91.7	92.5	94.5	96.4	96.6	97.4	97.6	98.5	99.7
IV 0	15.4	49.4	59.8	69.8	80.6	84.2	88.5	91.7	92.5	94.5	96.5	96.7	97.5	97.7	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 2402

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13707
STATION

DOVER AFB DELAWARE
STATION NAME

43-46, 51-72
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	19.3	42.2	48.3	52.8	54.6	54.9	55.0	55.1	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥ 20000	21.2	46.1	54.2	59.0	61.1	61.4	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
IV 18000	21.3	48.4	54.5	59.3	61.4	61.8	62.0	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
IV 16000	21.4	48.6	54.8	59.7	61.8	62.1	62.3	62.4	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5
IV 14000	21.7	49.8	56.3	61.1	63.2	63.5	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
IV 12000	22.4	52.0	58.0	63.8	65.9	66.2	66.4	66.5	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6
IV 10000	23.4	55.0	62.1	67.4	69.9	70.3	70.5	70.6	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7
IV 9000	23.7	56.0	63.2	68.6	71.1	71.5	71.7	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9
IV 8000	24.0	57.4	64.0	70.5	73.3	73.7	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
IV 7000	24.3	58.2	66.0	71.8	74.8	75.2	75.5	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7
IV 6000	24.4	58.7	66.4	72.4	75.4	75.8	76.1	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
IV 5000	24.5	59.2	67.1	73.2	76.2	76.7	77.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
IV 4500	24.6	59.5	67.4	73.6	76.7	77.1	77.6	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
IV 4000	25.1	60.7	68.6	75.0	78.3	78.8	79.3	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6
IV 3500	25.3	61.4	69.4	75.8	79.2	79.8	80.3	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6
IV 3000	25.6	62.5	70.6	77.3	80.8	81.4	81.9	82.1	82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.3
IV 2500	26.3	64.0	72.5	79.2	82.9	83.4	84.1	84.3	84.3	84.4	84.4	84.4	84.4	84.5	84.5	84.5
IV 2000	26.7	65.9	74.6	81.6	85.4	86.0	86.6	86.8	86.8	87.0	87.0	87.0	87.0	87.0	87.0	87.0
IV 1800	26.9	66.4	75.2	82.4	86.1	86.7	87.4	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.9
IV 1500	27.1	67.8	76.6	84.3	88.2	89.0	89.8	90.1	90.1	90.2	90.2	90.2	90.3	90.3	90.3	90.3
IV 1200	27.4	69.1	78.3	86.2	90.3	91.3	92.5	92.8	92.8	92.9	93.0	93.0	93.0	93.0	93.0	93.0
IV 1000	27.5	70.0	79.3	87.6	91.9	92.9	94.4	94.8	94.8	94.9	95.0	95.0	95.0	95.0	95.0	95.1
IV 900	27.5	70.3	79.7	88.1	92.5	93.5	95.1	95.5	95.6	95.7	95.8	95.8	95.8	95.8	95.8	95.9
IV 800	27.6	70.6	80.0	88.6	93.5	94.7	96.4	96.9	96.9	97.1	97.2	97.2	97.3	97.3	97.3	97.3
IV 700	27.6	70.9	80.4	89.1	94.1	95.3	97.2	97.6	97.8	98.0	98.1	98.1	98.1	98.1	98.1	98.2
IV 600	27.6	71.1	80.7	89.5	94.8	96.0	98.1	98.6	98.7	99.0	99.1	99.1	99.1	99.1	99.1	99.2
IV 500	27.6	71.1	80.8	89.6	94.9	96.3	98.4	99.0	99.1	99.3	99.5	99.5	99.5	99.5	99.5	99.5
IV 400	27.6	71.1	80.9	89.6	95.0	96.4	98.5	99.1	99.2	99.5	99.7	99.7	99.7	99.7	99.7	99.8
IV 300	27.6	71.1	80.9	89.7	95.0	96.4	98.6	99.2	99.3	99.6	99.8	99.8	99.8	99.8	99.9	99.9
IV 200	27.6	71.1	80.9	89.7	95.0	96.4	98.6	99.2	99.3	99.6	99.8	99.8	99.8	99.8	99.9	99.9
IV 100	27.6	71.1	80.9	89.7	95.0	96.4	98.6	99.2	99.3	99.6	99.8	99.8	99.9	100.0	100.0	100.0
IV 0	27.6	71.1	80.9	89.7	95.0	96.4	98.6	99.2	99.3	99.6	99.8	99.8	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2414

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13707
STATION

DOVER AFB DELAWARE
STATION NAME

43-46, 51-72
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	22.0	45.0	48.9	51.4	52.0	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 20000	24.7	53.1	57.4	60.0	60.8	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 18000	25.0	53.5	57.8	60.4	61.3	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
IV 16000	25.0	53.5	57.9	60.6	61.5	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
IV 14000	25.3	54.6	59.2	62.0	62.9	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
IV 12000	26.1	56.3	61.2	64.0	64.9	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
IV 10000	27.8	59.7	64.9	68.0	69.1	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
IV 9000	28.4	60.7	66.0	69.1	70.3	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
IV 8000	29.1	63.0	68.3	71.8	73.2	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
IV 7000	29.3	63.9	69.3	72.9	74.4	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
IV 6000	29.5	64.3	69.8	73.5	75.0	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
IV 5000	30.3	65.5	71.3	75.1	76.7	77.2	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
IV 4500	30.5	66.1	71.8	75.7	77.3	77.8	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
IV 4000	31.1	68.1	74.0	78.2	79.8	80.5	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
IV 3500	32.3	70.5	76.7	80.9	82.5	83.2	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
IV 3000	33.3	73.1	79.6	84.1	85.9	86.6	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
IV 2500	33.9	75.0	81.9	86.8	88.7	89.4	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
IV 2000	34.5	76.8	84.0	89.2	91.4	92.2	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
IV 1800	34.6	77.1	84.4	89.6	91.9	92.8	93.0	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2
IV 1500	34.7	78.0	85.4	91.0	93.4	94.3	94.5	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8
IV 1200	34.8	78.8	86.5	92.3	94.8	95.7	96.0	96.3	96.3	96.3	96.3	96.3	96.4	96.4	96.4	96.4
IV 1000	34.9	79.2	87.1	93.0	95.9	96.8	97.1	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5
IV 900	34.9	79.4	87.3	93.3	96.1	97.0	97.4	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 800	34.9	79.6	87.3	93.6	96.5	97.4	98.0	98.4	98.4	98.6	98.6	98.6	98.7	98.7	98.7	98.7
IV 700	34.9	79.7	87.6	93.7	96.5	97.5	98.2	98.6	98.6	98.8	98.8	98.8	98.9	98.9	98.9	98.9
IV 600	34.9	79.8	87.9	94.0	97.0	98.0	98.7	99.1	99.1	99.3	99.3	99.3	99.4	99.4	99.4	99.4
IV 500	34.9	79.8	87.9	94.0	97.0	98.0	98.9	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8
IV 400	34.9	79.8	87.9	94.0	97.1	98.1	99.0	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 300	34.9	79.8	87.9	94.0	97.1	98.2	99.0	99.6	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0
IV 200	34.9	79.8	87.9	94.0	97.1	98.2	99.1	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
IV 100	34.9	79.8	87.9	94.0	97.1	98.2	99.1	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
IV 0	34.9	79.8	87.9	94.0	97.1	98.2	99.1	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2400

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

13707
STATION

DUVER AFB DELAWARE
STATION NAME

43-46, 51-72
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	23.7	49.0	53.2	55.6	56.4	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
≥ 20000	27.3	58.5	63.3	66.0	67.1	67.3	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 18000	27.3	58.7	63.5	66.2	67.5	67.7	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 16000	27.4	59.0	63.8	66.6	67.8	68.0	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 14000	27.8	59.9	64.8	67.7	69.0	69.3	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 12000	28.8	62.2	67.8	71.0	72.4	72.6	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 10000	30.2	65.2	71.3	74.8	76.7	76.9	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 9000	30.6	66.2	72.4	76.1	78.0	78.3	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 8000	31.4	68.2	74.6	78.5	80.6	80.9	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 7000	31.7	68.9	75.4	79.5	81.7	82.0	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 6000	32.0	69.5	76.2	80.5	82.7	83.0	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 5000	32.7	70.7	77.5	81.8	84.1	84.4	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 4500	33.2	71.5	78.3	82.7	84.9	85.3	85.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 4000	33.9	73.0	80.3	84.8	87.2	87.6	88.0	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 3500	34.2	74.1	81.5	86.1	88.6	89.0	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.8	89.8	89.8
≥ 3000	34.6	75.6	83.4	88.2	90.8	91.2	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.2	92.2	92.2
≥ 2500	34.8	76.6	84.6	89.5	92.2	92.7	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.7	93.7	93.7
≥ 2000	34.9	77.7	85.8	90.8	93.7	94.1	94.8	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.2
≥ 1800	35.0	77.8	85.9	91.0	93.8	94.3	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.3	95.3	95.4
≥ 1500	35.0	78.3	86.4	91.7	94.7	95.2	95.9	96.1	96.1	96.2	96.2	96.2	96.2	96.3	96.3	96.3
≥ 1200	35.1	78.6	87.0	92.3	95.5	96.0	96.8	97.1	97.1	97.2	97.2	97.2	97.2	97.3	97.3	97.3
≥ 1000	35.1	79.0	87.6	93.0	96.2	96.7	97.6	97.8	97.8	97.9	97.9	97.9	97.9	98.0	98.0	98.0
≥ 900	35.1	79.3	87.8	93.4	96.6	97.2	98.0	98.3	98.3	98.4	98.4	98.4	98.4	98.5	98.5	98.5
≥ 800	35.1	79.4	88.0	93.7	96.9	97.4	98.3	98.5	98.5	98.7	98.7	98.7	98.7	98.8	98.8	98.8
≥ 700	35.1	79.5	88.2	93.8	97.1	97.6	98.5	98.7	98.7	98.9	98.9	98.9	98.9	99.0	99.0	99.0
≥ 600	35.1	79.7	88.4	94.1	97.3	97.9	98.8	99.1	99.1	99.3	99.3	99.3	99.3	99.4	99.4	99.4
≥ 500	35.1	79.7	88.4	94.1	97.5	98.1	99.1	99.5	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.8
≥ 400	35.1	79.7	88.4	94.1	97.5	98.1	99.1	99.5	99.5	99.7	99.7	99.7	99.7	99.8	99.8	99.8
≥ 300	35.1	79.7	88.4	94.1	97.6	98.2	99.2	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9
≥ 200	35.1	79.7	88.4	94.1	97.6	98.2	99.3	99.6	99.6	99.8	99.8	99.8	99.8	99.9	99.9	100.0
≥ 100	35.1	79.7	88.4	94.1	97.6	98.2	99.3	99.6	99.6	99.8	99.8	99.8	99.8	99.9	99.9	100.0
≥ 0	35.1	79.7	88.4	94.1	97.6	98.2	99.3	99.6	99.6	99.8	99.8	99.8	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2410

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13707
STATION

DUVER AFB DELAWARE
STATION NAME

43-46,51-72
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING ≥ 20000	20.6 22.8	46.3 54.5	51.6 60.1	55.1 64.0	56.6 65.8	57.3 66.5	57.9 67.2	58.3 67.6	58.3 67.6	58.3 67.7	58.3 67.7	58.3 67.7	58.3 67.7	58.3 67.7	58.3 67.7	58.3 67.7
≥ 18000 IV 16000	23.0 23.1	54.8 54.9	60.4 60.6	64.4 64.6	66.3 66.6	67.0 67.2	67.7 68.1	68.1 68.5	68.2 68.5	68.2 68.5	68.2 68.5	68.2 68.5	68.2 68.5	68.2 68.5	68.2 68.5	68.2 68.5
IV 14000 IV 12000	23.7 24.3	56.3 58.4	62.2 65.1	66.4 69.6	68.6 71.9	69.3 72.7	70.2 73.6	70.7 74.1	70.7 74.1	70.7 74.1	70.7 74.1	70.7 74.1	70.7 74.1	70.7 74.1	70.7 74.1	70.7 74.1
IV 10000 IV 9000	25.5 25.9	62.4 63.7	69.3 70.8	74.1 75.9	76.8 78.9	77.7 79.8	78.7 80.9	79.2 81.4	79.2 81.4	79.2 81.4	79.2 81.4	79.2 81.4	79.2 81.4	79.2 81.4	79.2 81.4	79.2 81.4
IV 8000 IV 7000	26.5 27.0	65.3 66.2	72.6 73.7	78.1 79.6	81.1 82.7	82.0 83.6	83.1 84.8	83.6 85.3	83.6 85.3	83.6 85.3	83.6 85.3	83.6 85.3	83.6 85.3	83.6 85.3	83.6 85.3	83.6 85.3
IV 6000 IV 5000	27.2 27.9	66.9 68.3	74.6 76.0	80.5 82.2	83.7 85.7	84.7 86.7	85.8 87.9	86.3 88.5	86.3 88.5	86.4 88.5	86.4 88.5	86.4 88.5	86.4 88.5	86.4 88.5	86.4 88.5	86.4 88.5
IV 4500 IV 4000	28.0 28.2	68.6 69.4	76.3 77.2	82.6 83.6	86.2 87.4	87.2 88.4	88.4 89.6	89.0 90.2	89.0 90.2	89.0 90.2	89.0 90.2	89.0 90.2	89.0 90.2	89.0 90.2	89.0 90.2	89.0 90.2
IV 3500 IV 3000	28.2 28.3	70.0 70.7	77.8 78.7	84.2 85.5	88.1 89.4	89.0 90.4	90.3 91.7	90.9 92.3	90.9 92.3	91.0 92.4	91.0 92.4	91.0 92.4	91.0 92.4	91.0 92.4	91.0 92.4	91.0 92.4
IV 2500 IV 2000	28.4 28.5	71.3 72.2	79.5 80.6	86.3 87.6	90.4 91.5	91.3 92.9	92.9 94.4	93.5 95.1	93.5 95.1	93.6 95.3	93.6 95.3	93.6 95.3	93.6 95.3	93.6 95.3	93.6 95.3	93.6 95.3
IV 1800 IV 1500	28.5 28.5	72.3 72.6	80.6 81.0	87.6 88.0	91.9 92.3	93.0 93.5	94.4 95.0	95.1 95.7	95.2 95.7	95.3 95.9	95.3 95.9	95.3 95.9	95.3 95.9	95.3 95.9	95.3 95.9	95.3 95.9
IV 1200 IV 1000	28.6 28.7	73.1 73.5	81.6 82.1	88.7 89.5	93.1 94.0	94.3 95.2	95.8 96.8	96.6 97.5	96.6 97.6	96.8 97.9	96.8 97.9	96.8 97.9	96.8 97.9	96.8 97.9	96.8 97.9	96.8 97.9
IV 900 IV 800	28.7 28.7	73.7 73.8	82.3 82.4	89.7 89.8	94.3 94.4	95.5 95.6	97.2 97.4	97.9 98.3	98.0 98.3	98.3 98.6	98.3 98.6	98.3 98.6	98.3 98.6	98.3 98.6	98.3 98.6	98.3 98.6
IV 700 IV 600	28.7 28.7	73.8 73.9	82.5 82.7	90.0 90.2	94.6 94.9	95.9 96.2	97.7 98.1	98.6 99.0	98.6 99.0	99.0 99.6	99.0 99.6	99.0 99.6	99.0 99.6	99.0 99.6	99.0 99.6	99.0 99.6
IV 500 IV 400	28.7 28.7	73.9 73.9	82.7 82.7	90.2 90.3	95.0 95.1	96.3 96.3	98.2 98.2	99.1 99.2	99.1 99.2	99.7 99.8	99.7 99.8	99.7 99.8	99.7 99.8	99.7 99.8	99.7 99.8	99.7 99.8
IV 300 IV 200	28.7 28.7	73.9 73.9	82.7 82.7	90.3 90.3	95.1 95.1	96.4 96.4	98.3 98.3	99.3 99.3	99.3 99.3	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0
IV 100 IV 0	28.7 28.7	73.9 73.9	82.7 82.7	90.3 90.3	95.1 95.1	96.4 96.4	98.3 98.3	99.3 99.3	99.3 99.3	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0

TOTAL NUMBER OF OBSERVATIONS 2408

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

13707
STATION

DOVER AFB DELAWARE
STATION NAME

43-46, 51-72
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	17.2	48.2	55.1	60.2	63.2	63.5	64.8	65.1	65.1	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 20000	17.7	52.6	60.0	65.4	68.6	69.0	70.2	70.6	70.6	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 18000	17.7	52.7	60.0	65.4	68.6	69.0	70.3	70.7	70.7	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 16000	17.9	52.9	60.3	65.7	69.0	69.5	70.7	71.2	71.2	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 14000	18.0	53.4	60.9	66.6	70.1	70.7	71.9	72.4	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 12000	18.5	55.4	63.1	69.0	72.7	73.3	74.7	75.2	75.2	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 10000	19.3	58.9	66.9	73.3	77.2	77.9	79.3	79.8	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 9000	19.5	59.8	67.9	74.5	78.6	79.2	80.6	81.1	81.1	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 8000	20.0	61.2	69.6	76.5	81.0	81.6	83.2	83.7	83.7	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 7000	20.4	62.4	70.8	77.9	82.4	83.1	84.7	85.2	85.2	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 6000	20.6	63.0	71.7	78.8	83.4	84.1	85.7	86.2	86.2	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 5000	20.7	63.9	72.7	80.0	85.0	85.7	87.4	88.0	88.0	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 4500	20.8	64.2	73.0	80.4	85.3	86.0	87.8	88.4	88.4	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 4000	20.9	64.9	73.9	81.6	86.6	87.5	89.4	90.1	90.1	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 3500	21.1	65.3	74.3	82.1	87.2	88.1	90.0	90.8	90.8	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 3000	21.2	65.6	74.8	82.8	88.2	89.1	91.0	91.8	91.8	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 2500	21.2	66.2	75.5	83.6	89.0	89.9	91.9	92.7	92.7	93.1	93.1	93.1	93.2	93.2	93.2	93.2
≥ 2000	21.6	67.1	76.5	84.8	90.5	91.5	93.5	94.3	94.3	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1800	21.6	67.2	76.7	85.0	90.7	91.7	93.7	94.5	94.5	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 1500	21.7	67.5	77.1	85.5	91.4	92.5	94.4	95.2	95.2	95.7	95.7	95.7	95.8	95.8	95.8	95.8
≥ 1200	21.8	68.0	77.7	86.1	92.1	93.2	95.1	95.9	95.9	96.4	96.4	96.4	96.5	96.5	96.5	96.5
≥ 1000	21.8	68.5	78.2	86.7	92.7	93.9	95.9	96.8	96.8	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 900	21.8	68.7	78.5	87.0	93.1	94.3	96.3	97.3	97.3	97.8	97.8	97.8	97.9	97.9	97.9	97.9
≥ 800	21.9	68.8	78.7	87.3	93.5	94.7	96.7	97.8	97.8	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 700	21.9	69.0	78.9	87.5	93.7	95.1	97.1	98.2	98.2	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 600	22.0	69.0	79.0	87.7	93.9	95.2	97.3	98.5	98.5	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 500	22.0	69.2	79.2	87.9	94.2	95.5	97.6	98.8	98.8	99.4	99.4	99.4	99.5	99.5	99.5	99.5
≥ 400	22.0	69.2	79.2	88.0	94.4	95.7	97.8	99.0	99.0	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 300	22.0	69.2	79.2	88.0	94.4	95.7	97.8	99.0	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	22.0	69.2	79.2	88.0	94.4	95.7	97.8	99.0	99.0	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	22.0	69.2	79.2	88.0	94.4	95.7	97.8	99.0	99.0	99.7	99.8	99.8	100.0	100.0	100.0	100.0
≥ 0	22.0	69.2	79.2	88.0	94.4	95.7	97.8	99.0	99.0	99.7	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2413

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13707
STATION

DOVER AFB DELAWARE
STATION NAME

43-46,50-72
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	16.7	44.4	48.8	53.9	58.2	59.0	60.4	60.9	60.9	61.6	61.8	61.9	62.1	62.1	62.3	62.4
≥ 20000	17.4	46.6	51.3	56.7	61.5	62.5	64.0	64.5	64.5	65.2	65.5	65.5	65.7	65.7	65.9	66.0
≥ 18000	17.4	46.6	51.3	56.7	61.5	62.5	64.0	64.5	64.5	65.2	65.5	65.6	65.8	65.8	66.0	66.0
≥ 16000	17.4	46.7	51.4	56.9	61.6	62.6	64.2	64.7	64.7	65.4	65.6	65.7	65.9	65.9	66.1	66.2
≥ 14000	17.5	47.9	52.6	58.1	62.9	63.9	65.5	66.0	66.0	66.7	66.9	67.0	67.2	67.2	67.4	67.5
≥ 12000	17.9	49.2	54.3	60.2	65.3	66.3	67.8	68.3	68.3	69.0	69.3	69.4	69.6	69.6	69.8	69.8
IV 10000	19.1	51.7	57.3	63.5	68.6	69.6	71.1	71.6	71.6	72.4	72.7	72.8	73.0	73.0	73.1	73.2
IV 9000	19.2	52.2	57.9	64.2	69.3	70.3	71.9	72.4	72.4	73.2	73.5	73.6	73.8	73.8	73.9	74.0
IV 8000	19.9	53.9	59.7	66.3	71.7	72.7	74.3	74.8	74.8	75.6	75.8	75.9	76.1	76.1	76.3	76.4
IV 7000	20.2	55.4	61.3	68.0	73.7	74.7	76.4	76.9	76.9	77.7	78.0	78.1	78.3	78.3	78.4	78.5
IV 6000	20.2	55.8	61.7	68.4	74.3	75.4	77.1	77.6	77.6	78.4	78.6	78.7	78.9	78.9	79.1	79.2
IV 5000	20.3	56.9	63.0	69.8	75.8	77.0	78.6	79.1	79.1	80.0	80.2	80.3	80.5	80.5	80.7	80.8
IV 4500	20.4	57.4	63.6	70.3	76.4	77.6	79.2	79.7	79.7	80.6	80.8	80.9	81.1	81.1	81.3	81.4
IV 4000	20.6	58.6	64.7	71.7	78.0	79.1	80.8	81.3	81.3	82.1	82.4	82.5	82.7	82.7	82.9	82.9
IV 3500	20.9	59.4	65.6	72.7	79.0	80.2	82.1	82.6	82.6	83.4	83.6	83.7	83.9	83.9	84.1	84.2
IV 3000	21.3	60.4	66.8	74.0	80.4	81.6	83.6	84.1	84.1	84.9	85.2	85.3	85.5	85.5	85.6	85.7
IV 2500	21.5	61.4	67.8	75.1	81.6	82.8	84.7	85.3	85.3	86.1	86.4	86.4	86.6	86.6	86.8	86.9
IV 2000	21.8	62.0	68.6	75.9	82.7	83.9	85.9	86.4	86.4	87.2	87.5	87.6	87.8	87.8	87.9	88.0
IV 1800	21.8	62.2	68.9	76.3	83.1	84.4	86.3	86.9	86.9	87.7	87.9	88.0	88.2	88.2	88.4	88.5
IV 1500	22.0	62.8	69.6	77.2	84.4	85.7	87.7	88.2	88.2	89.2	89.4	89.5	89.7	89.7	89.9	90.0
IV 1200	22.0	63.2	70.0	77.7	85.6	86.9	89.2	89.9	89.9	90.9	91.1	91.2	91.4	91.4	91.6	91.7
IV 1000	22.1	63.7	70.6	78.4	86.4	87.8	90.4	91.2	91.2	92.4	92.8	92.9	93.1	93.1	93.2	93.3
IV 900	22.1	63.7	70.8	78.6	86.7	88.1	90.9	91.6	91.6	92.9	93.2	93.3	93.5	93.5	93.7	93.8
IV 800	22.1	63.8	70.9	79.1	87.3	88.7	91.7	92.4	92.4	93.7	94.1	94.2	94.4	94.4	94.6	94.7
IV 700	22.1	64.2	71.3	79.3	87.9	89.4	92.4	93.3	93.3	94.6	95.0	95.0	95.2	95.2	95.4	95.5
IV 600	22.1	64.2	71.4	79.6	88.2	89.7	92.7	93.6	93.6	94.9	95.3	95.4	95.6	95.6	95.7	95.8
IV 500	22.1	64.5	71.6	79.9	88.8	90.3	93.5	94.4	94.4	95.8	96.2	96.3	96.6	96.6	96.7	96.8
IV 400	22.1	64.6	71.8	80.1	89.9	90.4	93.7	94.8	94.8	96.3	96.9	97.0	97.2	97.2	97.4	97.5
IV 300	22.1	64.6	71.8	80.1	89.9	90.6	94.1	95.2	95.3	97.0	97.6	97.7	97.9	97.9	98.1	98.2
IV 200	22.1	64.6	71.8	80.1	89.2	90.7	94.5	95.7	95.8	97.6	98.4	98.5	98.9	99.0	99.1	99.2
IV 100	22.1	64.6	71.8	80.1	89.2	90.7	94.5	95.7	95.8	97.7	98.4	98.6	99.0	99.1	99.3	99.5
IV 0	22.1	64.6	71.8	80.1	89.2	90.7	94.5	95.7	95.8	97.7	98.4	98.6	99.0	99.1	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 2397

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13707
STATION

DOVER AFB DELAWARE
STATION NAME

43-46, 50-72
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	13.7	40.4	44.5	48.9	53.8	54.9	57.3	58.5	58.8	59.7	60.0	60.0	60.4	60.5	60.7	61.0
≥ 20000	14.5	42.2	46.6	51.2	56.4	57.5	60.1	61.4	61.6	62.6	62.9	62.9	63.3	63.4	63.6	63.9
IV 18000	14.6	42.3	46.6	51.3	56.6	57.8	60.3	61.6	61.8	62.8	63.1	63.1	63.5	63.6	63.8	64.1
IV 16000	14.6	42.3	46.7	51.4	56.7	57.8	60.5	61.8	62.0	62.9	63.3	63.3	63.7	63.8	64.0	64.3
IV 14000	14.8	42.9	47.3	52.1	57.5	58.7	61.5	62.8	63.0	63.9	64.3	64.3	64.7	64.8	65.0	65.3
IV 12000	15.2	43.9	48.5	53.5	59.4	60.5	63.3	64.6	64.8	65.9	66.2	66.2	66.6	66.7	66.9	67.2
IV 10000	16.0	45.8	50.8	56.0	62.4	63.6	66.5	67.8	68.0	69.0	69.4	69.4	69.8	69.9	70.1	70.4
IV 9000	16.2	46.1	51.3	56.5	63.0	64.2	67.1	68.4	68.6	69.7	70.0	70.0	70.5	70.5	70.8	71.0
IV 8000	16.7	47.4	52.7	58.0	64.7	65.8	68.8	70.0	70.3	71.3	71.7	71.7	72.1	72.2	72.4	72.7
IV 7000	16.9	48.4	53.7	59.3	66.0	67.1	70.1	71.5	71.8	72.9	73.3	73.3	73.7	73.8	74.0	74.3
IV 6000	17.3	49.1	54.5	60.1	66.8	68.0	71.0	72.5	72.8	73.9	74.3	74.3	74.7	74.8	75.0	75.3
IV 5000	17.5	50.3	55.8	61.5	68.4	69.6	72.8	74.3	74.6	75.7	76.0	76.0	76.5	76.5	76.8	77.0
IV 4500	17.7	50.8	56.3	62.2	69.0	70.3	73.4	74.9	75.2	76.3	76.7	76.7	77.1	77.2	77.4	77.7
IV 4000	18.0	51.5	57.1	63.1	70.1	71.4	74.6	76.1	76.4	77.5	77.9	77.9	78.3	78.4	78.6	78.9
IV 3500	18.1	52.2	57.8	64.0	71.2	72.4	75.8	77.4	77.7	78.8	79.2	79.2	79.6	79.7	79.9	80.2
IV 3000	18.4	53.2	59.0	65.3	72.7	74.0	77.5	79.2	79.5	80.6	81.0	81.0	81.5	81.5	81.8	82.0
IV 2500	18.5	53.9	59.8	66.2	73.7	74.9	78.5	80.2	80.5	81.6	82.0	82.0	82.5	82.5	82.8	83.0
IV 2000	18.7	54.8	60.8	67.2	75.0	76.3	80.2	81.9	82.2	83.4	83.8	83.8	84.2	84.3	84.5	84.8
IV 1800	18.8	55.1	61.1	67.5	75.4	76.7	80.6	82.4	82.7	83.8	84.2	84.2	84.7	84.8	85.0	85.3
IV 1500	19.0	55.5	61.5	68.0	76.0	77.4	81.4	83.3	83.6	84.9	85.3	85.3	85.7	85.8	86.0	86.3
IV 1200	19.0	56.1	62.3	68.9	77.2	78.6	82.8	84.8	85.1	86.4	86.8	86.8	87.3	87.3	87.5	87.8
IV 1000	19.0	56.6	63.0	69.9	78.7	80.2	84.6	86.8	87.1	88.6	89.0	89.0	89.5	89.6	89.8	90.1
IV 900	19.0	56.8	63.3	70.3	79.2	80.7	85.3	87.5	87.8	89.3	89.8	89.8	90.2	90.3	90.5	90.8
IV 800	19.0	57.1	63.7	70.8	79.9	81.5	86.2	88.5	88.8	90.3	90.8	90.8	91.3	91.4	91.7	92.0
IV 700	19.0	57.3	64.0	71.3	80.5	82.1	87.1	89.5	90.0	91.6	92.2	92.2	92.7	92.8	93.0	93.3
IV 600	19.0	57.3	64.2	71.4	80.9	82.5	87.7	90.3	90.7	92.3	92.9	92.9	93.4	93.5	93.8	94.0
IV 500	19.0	57.4	64.3	71.5	81.3	83.2	88.6	91.4	91.8	93.5	94.2	94.2	94.8	94.8	95.1	95.4
IV 400	19.0	57.4	64.3	71.6	81.5	83.3	88.8	91.7	92.2	94.1	94.8	94.8	95.4	95.5	95.7	96.0
IV 300	19.0	57.4	64.3	71.7	81.7	83.5	89.2	92.1	92.7	94.8	95.5	95.5	96.0	96.1	96.4	96.7
IV 200	19.0	57.4	64.3	71.7	81.7	83.5	89.3	92.3	93.0	95.3	96.1	96.1	96.8	96.9	97.3	97.7
IV 100	19.0	57.4	64.3	71.7	81.7	83.5	89.3	92.3	93.1	95.5	96.4	96.5	97.6	97.8	98.5	98.9
IV 0	19.0	57.4	64.3	71.7	81.7	83.5	89.3	92.3	93.1	95.5	96.4	96.5	97.7	97.9	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 2400

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

13707
STATION

DOVER AFB DELAWARE
STATION NAME

43-46, 50-72
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS - LT

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	13.2	33.5	38.3	42.9	46.4	47.6	49.5	50.7	50.9	51.5	51.9	52.0	52.2	52.2	52.4	52.6
≥ 20000	14.4	36.6	42.1	47.0	50.9	52.3	54.3	55.6	55.8	56.7	57.1	57.2	57.5	57.5	57.8	58.2
≥ 18000	14.4	36.7	42.2	47.2	51.2	52.5	54.6	55.9	56.1	57.0	57.4	57.5	57.8	57.8	58.1	58.5
≥ 16000	14.4	36.8	42.3	47.5	51.5	52.9	55.1	56.3	56.6	57.4	57.9	57.9	58.2	58.2	58.5	58.9
≥ 14000	14.7	37.6	43.1	48.5	52.8	54.3	56.6	58.0	58.2	59.1	59.5	59.6	59.9	59.9	60.2	60.6
≥ 12000	15.2	39.2	45.0	50.8	55.4	57.0	59.6	61.1	61.3	62.2	62.6	62.7	62.9	62.9	63.2	63.7
≥ 10000	16.2	42.0	48.1	54.3	59.4	61.1	64.0	65.5	65.7	66.7	67.1	67.2	67.5	67.5	67.8	68.2
≥ 9000	16.5	42.5	48.6	54.8	60.0	61.7	64.6	66.2	66.4	67.3	67.7	67.8	68.1	68.1	68.4	68.8
≥ 8000	16.9	44.1	50.3	56.7	62.2	64.0	66.9	68.5	68.7	69.6	70.1	70.2	70.5	70.5	70.8	71.2
≥ 7000	17.4	45.2	51.7	58.2	63.8	65.8	68.8	70.5	70.7	71.6	72.1	72.2	72.5	72.5	72.8	73.2
≥ 6000	17.7	45.9	52.5	59.1	64.8	66.8	69.8	71.4	71.7	72.6	73.1	73.2	73.6	73.6	73.9	74.3
≥ 5000	17.9	47.0	53.7	60.4	66.2	68.2	71.4	73.1	73.4	74.3	74.8	74.9	75.2	75.2	75.5	75.9
≥ 4500	18.0	47.3	54.0	60.7	66.5	68.5	71.8	73.6	73.8	74.7	75.2	75.4	75.7	75.7	76.0	76.4
≥ 4000	18.4	48.1	54.9	61.9	67.7	69.8	73.0	74.8	75.1	76.0	76.5	76.6	76.9	76.9	77.2	77.7
≥ 3500	18.5	48.4	55.3	62.4	68.2	70.3	73.6	75.5	75.7	76.6	77.2	77.3	77.6	77.6	77.9	78.3
≥ 3000	18.7	49.3	56.3	63.6	69.3	71.5	75.0	76.8	77.1	78.0	78.5	78.6	78.9	78.9	79.2	79.7
≥ 2500	18.9	49.8	56.9	64.3	70.3	72.5	76.0	77.9	78.2	79.2	79.7	79.8	80.1	80.1	80.4	80.8
≥ 2000	19.1	50.6	57.6	65.5	71.5	73.8	77.5	79.4	79.7	80.7	81.2	81.4	81.7	81.7	82.0	82.4
≥ 1800	19.3	50.9	57.9	65.7	71.8	74.1	77.8	79.8	80.1	81.1	81.6	81.7	82.0	82.0	82.3	82.7
≥ 1500	19.3	51.4	58.5	66.5	72.6	75.0	78.8	81.0	81.2	82.2	82.7	82.9	83.2	83.2	83.5	83.9
≥ 1200	19.4	52.2	59.5	67.8	74.1	76.5	80.6	82.7	83.0	84.0	84.5	84.7	85.0	85.0	85.3	85.7
≥ 1000	19.5	52.8	60.3	68.7	75.3	77.9	82.1	84.5	84.9	86.1	86.6	86.8	87.1	87.1	87.4	87.8
≥ 900	19.6	53.1	60.7	69.3	76.0	78.7	83.0	85.5	85.8	87.1	87.6	87.8	88.1	88.2	88.5	88.9
≥ 800	19.8	53.5	61.3	69.9	76.8	79.6	84.3	86.8	87.1	88.5	89.1	89.2	89.5	89.6	89.9	90.3
≥ 700	19.8	54.0	61.9	71.0	78.2	81.0	85.8	88.4	88.8	90.1	90.7	90.8	91.2	91.2	91.5	91.9
≥ 600	19.8	54.1	62.2	71.3	78.6	81.5	86.4	89.1	89.4	91.1	91.7	91.9	92.3	92.4	92.6	93.1
≥ 500	19.8	54.3	62.5	71.7	79.3	82.5	87.8	90.9	91.3	93.3	94.0	94.2	94.8	94.9	95.2	95.6
≥ 400	19.8	54.3	62.6	71.8	79.6	82.7	88.2	91.3	91.8	93.8	94.7	94.9	95.5	95.6	95.9	96.3
≥ 300	19.8	54.3	62.6	71.9	79.8	83.1	88.6	91.8	92.3	94.6	95.5	95.8	96.6	96.7	97.1	97.6
≥ 200	19.8	54.4	62.7	72.0	79.9	83.2	88.8	92.1	92.6	95.1	96.0	96.3	97.4	97.6	98.1	98.7
≥ 100	19.8	54.4	62.7	72.0	79.9	83.2	88.8	92.1	92.6	95.1	96.1	96.4	97.7	98.0	98.6	99.4
≥ 0	19.8	54.4	62.7	72.0	79.9	83.2	88.8	92.1	92.6	95.1	96.1	96.4	97.7	98.0	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 2394

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13707
STATION

DOVER AFB DELAWARE
STATION NAME

43-46,50-72
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
GROUPS PER DAY

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	23.1	46.3	49.4	52.2	53.2	53.3	53.3	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
≥ 20000	25.3	51.5	54.8	57.9	59.1	59.3	59.5	59.6	59.6	59.6	59.6	59.7	59.7	59.7	59.7	59.7
≥ 18000	25.3	51.7	55.0	58.1	59.3	59.5	59.7	59.8	59.8	59.8	59.8	59.9	59.9	59.9	59.9	59.9
≥ 16000	25.5	52.1	55.5	58.6	59.8	60.0	60.2	60.3	60.3	60.3	60.3	60.4	60.4	60.4	60.4	60.4
≥ 14000	25.8	52.9	56.4	59.5	60.9	61.1	61.3	61.4	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥ 12000	26.5	54.9	58.7	62.2	63.8	64.1	64.3	64.5	64.5	64.5	64.5	64.6	64.6	64.6	64.6	64.6
≥ 10000	27.4	57.2	61.2	65.1	67.1	67.4	67.6	67.8	67.8	67.8	67.8	67.9	67.9	67.9	67.9	67.9
≥ 9000	27.8	57.9	61.8	65.8	67.7	68.1	68.4	68.5	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 8000	28.3	59.2	63.2	67.3	69.3	69.7	70.0	70.2	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.3
≥ 7000	28.6	60.1	64.2	68.4	70.6	71.0	71.4	71.6	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.7
≥ 6000	28.9	60.6	64.7	68.9	71.1	71.6	72.1	72.3	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4
≥ 5000	29.1	61.6	65.9	70.3	72.5	73.0	73.5	73.7	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 4500	29.2	61.8	66.2	70.6	72.9	73.4	74.0	74.2	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3
≥ 4000	29.5	62.9	67.3	71.8	74.2	74.8	75.5	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 3500	30.0	63.7	68.4	72.9	75.5	76.1	76.8	77.0	77.0	77.1	77.2	77.2	77.2	77.2	77.2	77.2
≥ 3000	30.3	65.2	70.2	74.9	77.6	78.3	79.0	79.2	79.2	79.3	79.4	79.4	79.4	79.4	79.4	79.4
≥ 2500	30.9	66.6	71.9	76.7	79.4	80.1	80.9	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 2000	31.4	68.0	73.5	78.6	81.5	82.3	83.1	83.4	83.4	83.5	83.6	83.6	83.6	83.6	83.6	83.6
≥ 1800	31.6	68.6	74.1	79.2	82.2	83.0	83.8	84.1	84.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 1500	32.0	69.9	75.6	80.9	84.3	85.2	86.1	86.4	86.4	86.6	86.6	86.6	86.6	86.7	86.7	86.7
≥ 1200	32.3	71.4	77.5	83.3	87.1	88.1	89.1	89.4	89.4	89.6	89.6	89.7	89.7	89.7	89.7	89.7
≥ 1000	32.4	72.1	78.5	84.4	88.6	89.7	91.0	91.3	91.3	91.5	91.6	91.6	91.6	91.6	91.6	91.6
≥ 900	32.4	72.5	79.0	85.2	89.8	91.0	92.3	92.6	92.6	92.8	92.9	92.9	92.9	92.9	92.9	92.9
≥ 800	32.5	72.8	79.4	86.0	90.8	92.3	93.7	94.1	94.2	94.4	94.4	94.4	94.5	94.5	94.5	94.5
≥ 700	32.6	73.2	80.1	86.8	91.9	93.6	95.2	95.5	95.6	95.8	95.9	96.0	96.0	96.0	96.0	96.0
≥ 600	32.6	73.4	80.5	87.3	92.6	94.4	96.1	96.5	96.6	97.0	97.1	97.2	97.2	97.2	97.2	97.2
≥ 500	32.6	73.7	80.9	87.8	93.4	95.2	97.1	97.6	97.7	98.1	98.3	98.4	98.6	98.6	98.6	98.6
≥ 400	32.6	73.7	80.9	87.9	93.6	95.4	97.4	98.0	98.1	98.6	98.9	99.0	99.3	99.3	99.3	99.3
≥ 300	32.6	73.7	80.9	87.9	93.6	95.5	97.6	98.4	98.6	99.1	99.5	99.7	99.9	99.9	99.9	99.9
≥ 200	32.6	73.7	80.9	87.9	93.6	95.5	97.6	98.4	98.6	99.2	99.5	99.7	100.0	100.0	100.0	100.0
≥ 100	32.6	73.7	80.9	87.9	93.6	95.5	97.6	98.4	98.6	99.2	99.5	99.7	100.0	100.0	100.0	100.0
≥ 0	32.6	73.7	80.9	87.9	93.6	95.5	97.6	98.4	98.6	99.2	99.5	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS. 2395

USAF ETAC FORM 64 JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13707
STATION

DOVER AFB DELAWARE
STATION NAME

43-46,50-72
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	27.7	47.6	49.9	51.8	52.0	52.1	52.1	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 20000	32.0	55.4	58.0	60.2	60.8	60.8	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
IV ≥ 18000	32.1	55.7	58.3	60.5	61.1	61.1	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
IV ≥ 16000	32.2	56.1	58.7	60.9	61.5	61.5	61.5	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
IV ≥ 14000	32.4	56.9	59.6	61.9	62.5	62.5	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
IV ≥ 12000	33.2	58.6	61.5	63.8	64.5	64.5	64.6	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
IV ≥ 10000	34.6	61.7	64.8	67.4	68.2	68.3	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
IV ≥ 9000	34.9	62.2	65.5	68.3	69.1	69.2	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
IV ≥ 8000	35.4	63.7	67.0	70.1	70.9	71.1	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
IV ≥ 7000	35.9	64.7	68.0	71.2	72.2	72.3	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
IV ≥ 6000	36.1	65.2	68.3	71.7	72.8	73.0	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
IV ≥ 5000	36.3	66.3	69.9	73.1	74.2	74.5	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
IV ≥ 4000	36.7	66.9	70.7	74.0	75.1	75.3	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
IV ≥ 3500	37.7	69.1	73.0	76.5	77.6	77.8	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
IV ≥ 3000	38.6	70.7	75.0	78.6	79.7	79.9	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
IV ≥ 2500	40.0	73.7	78.3	82.4	83.6	83.9	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
IV ≥ 2000	41.3	76.6	81.5	86.0	87.3	87.6	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
IV ≥ 1800	42.1	78.8	83.9	88.6	90.0	90.3	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
IV ≥ 1600	42.1	79.1	84.2	89.0	90.5	90.8	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
IV ≥ 1500	42.4	80.0	85.3	90.4	92.1	92.6	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
IV ≥ 1200	42.5	80.6	86.1	91.3	93.4	93.9	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
IV ≥ 1000	42.5	81.1	86.7	92.2	94.6	95.1	95.8	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1
IV ≥ 900	42.5	81.2	86.8	92.5	95.0	95.6	96.4	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6
IV ≥ 800	42.5	81.3	86.9	92.6	95.2	95.9	96.8	96.9	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1
IV ≥ 700	42.5	81.5	87.2	92.9	95.7	96.4	97.3	97.5	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8
IV ≥ 600	42.5	81.5	87.2	93.0	95.9	96.7	97.8	98.0	98.0	98.2	98.4	98.4	98.5	98.5	98.5	98.5
IV ≥ 500	42.5	81.5	87.2	93.1	96.1	96.9	98.0	98.3	98.4	98.7	98.9	98.9	99.0	99.0	99.0	99.0
IV ≥ 400	42.5	81.6	87.4	93.2	96.2	97.1	98.2	98.6	98.7	99.0	99.4	99.4	99.4	99.4	99.4	99.4
IV ≥ 300	42.5	81.6	87.4	93.3	96.3	97.1	98.3	98.8	98.9	99.4	99.8	99.8	99.8	99.8	99.8	99.8
IV ≥ 200	42.5	81.6	87.4	93.3	96.3	97.1	98.3	98.8	98.9	99.5	99.9	99.9	99.9	99.9	99.9	99.9
IV ≥ 100	42.5	81.6	87.4	93.3	96.3	97.1	98.3	98.8	98.9	99.5	99.9	99.9	99.9	99.9	99.9	99.9
IV ≥ 0	42.5	81.6	87.4	93.3	96.3	97.1	98.3	98.8	98.9	99.5	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 2392

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13707
STATION

DOVER AFB DELAWARE
STATION NAME

43-46,50-72
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS LT ST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING	28.4	49.8	52.0	53.6	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
≥ 20000	33.2	58.2	60.6	62.6	63.3	63.3	63.3	63.3	63.3	63.5	63.5	63.5	63.5	63.5	63.5	63.5
IV 18000	33.5	58.7	61.0	63.0	63.7	63.8	63.8	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
IV 16000	33.6	58.9	61.3	63.3	64.1	64.1	64.1	64.1	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3
IV 14000	33.9	59.9	62.4	64.5	65.2	65.3	65.3	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
IV 12000	34.9	62.6	65.3	67.7	68.4	68.6	68.6	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
IV 10000	36.1	66.3	69.1	71.7	72.5	72.6	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
IV 9000	36.3	67.1	70.1	72.8	73.6	73.8	73.8	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
IV 8000	36.7	68.6	71.9	74.8	75.7	75.9	75.9	75.9	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1
IV 7000	37.3	70.1	73.4	76.5	77.5	77.8	77.9	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
IV 6000	37.6	70.9	74.4	77.7	78.9	79.1	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
IV 5000	38.2	72.1	75.7	79.3	80.5	80.8	80.9	80.9	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1
IV 4500	38.7	72.9	76.5	80.1	81.3	81.6	81.7	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
IV 4000	39.5	74.4	78.1	81.7	83.0	83.3	83.4	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
IV 3500	40.3	76.0	79.8	83.5	84.8	85.1	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
IV 3000	40.9	77.9	81.7	85.8	87.3	87.7	87.8	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0
IV 2500	41.4	79.1	83.3	87.7	89.3	89.6	89.8	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
IV 2000	41.6	80.6	84.8	89.4	91.2	91.5	91.8	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
IV 1800	41.6	80.8	85.0	89.7	91.5	91.8	92.1	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
IV 1500	41.6	81.3	85.6	90.4	92.2	92.6	93.0	93.1	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3
IV 1200	41.7	82.2	86.7	91.6	93.6	94.0	94.4	94.6	94.7	94.8	94.8	94.8	94.8	94.9	94.9	94.9
IV 1000	41.8	82.5	87.2	92.1	94.4	94.8	95.4	95.7	95.8	96.0	96.3	96.3	96.3	96.3	96.3	96.3
IV 900	41.8	82.6	87.4	92.4	94.8	95.3	96.1	96.5	96.6	97.0	97.0	97.0	97.1	97.1	97.1	97.1
IV 800	41.8	82.7	87.7	92.7	95.5	96.0	96.9	97.2	97.4	97.8	97.8	97.8	97.9	97.9	97.9	97.9
IV 700	41.8	82.7	87.7	92.8	95.5	96.1	97.2	97.5	97.7	98.3	98.4	98.4	98.5	98.5	98.5	98.5
IV 600	41.8	82.8	87.8	93.0	95.8	96.4	97.4	97.9	98.1	98.8	98.9	98.9	99.0	99.0	99.1	99.1
IV 500	41.8	82.8	87.8	93.1	96.0	96.6	97.7	98.2	98.4	99.2	99.4	99.4	99.5	99.5	99.6	99.6
IV 400	41.8	82.8	87.9	93.1	96.0	96.6	97.7	98.2	98.5	99.4	99.7	99.7	99.7	99.8	99.9	99.9
IV 300	41.8	82.9	87.9	93.2	96.0	96.6	97.8	98.3	98.5	99.4	99.7	99.7	99.8	99.8	99.9	99.9
IV 200	41.8	82.9	87.9	93.2	96.0	96.6	97.8	98.3	98.5	99.4	99.7	99.7	99.8	99.8	99.9	99.9
IV 100	41.8	82.9	87.9	93.2	96.0	96.7	97.8	98.3	98.5	99.5	99.7	99.7	99.8	99.9	100.0	100.0
IV 0	41.8	82.9	87.9	93.2	96.0	96.7	97.8	98.3	98.5	99.5	99.7	99.7	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2398

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13707
STATION

DOVER AFB DELAWARE
STATION NAME

43-46,50-72
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	24.2	51.1	53.8	56.3	57.3	57.6	58.1	58.4	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
≥ 20000	27.1	57.3	60.3	62.9	64.4	64.8	65.3	65.6	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 18000	27.2	57.5	60.5	63.1	64.6	65.0	65.5	65.8	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 16000	27.3	57.7	60.8	63.5	64.9	65.4	65.9	66.2	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 14000	27.5	58.7	61.9	64.7	66.2	66.6	67.1	67.4	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 12000	28.2	60.9	64.4	67.6	69.1	69.5	70.0	70.3	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 10000	29.1	64.0	67.7	71.1	72.9	73.3	73.8	74.1	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 9000	29.3	64.8	68.7	72.2	74.0	74.4	74.9	75.2	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 8000	30.2	66.8	70.7	74.3	76.2	76.7	77.3	77.6	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 7000	30.3	67.8	71.9	75.5	77.5	78.0	78.8	79.1	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.4
≥ 6000	30.5	68.5	72.7	76.5	78.5	79.0	79.8	80.1	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4
≥ 5000	30.8	69.9	74.2	78.2	80.5	81.0	81.9	82.2	82.4	82.5	82.6	82.6	82.6	82.6	82.6	82.6
≥ 4500	31.0	70.4	74.6	78.8	81.1	81.6	82.4	82.8	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 4000	31.3	71.2	75.5	79.7	82.1	82.8	83.7	84.0	84.2	84.3	84.4	84.4	84.4	84.4	84.4	84.4
≥ 3500	31.3	72.0	76.3	80.6	83.1	83.9	84.8	85.1	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 3000	31.7	73.3	78.0	82.3	85.1	86.0	86.9	87.3	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 2500	32.0	74.1	78.9	83.4	86.3	87.3	88.3	88.6	88.8	88.9	89.0	89.0	89.0	89.0	89.0	89.0
≥ 2000	32.4	75.1	80.1	84.8	87.8	88.8	89.9	90.4	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 1800	32.5	75.3	80.2	85.0	88.2	89.2	90.4	90.8	91.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 1500	32.6	75.8	80.8	85.8	89.1	90.1	91.4	91.9	92.1	92.3	92.4	92.4	92.4	92.4	92.4	92.4
≥ 1200	32.7	76.3	81.5	86.5	90.1	91.1	92.4	92.9	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 1000	32.7	76.8	82.2	87.3	91.4	92.4	94.0	94.6	94.9	95.4	95.4	95.4	95.5	95.5	95.5	95.5
≥ 900	32.7	76.9	82.4	87.6	91.8	92.9	94.5	95.2	95.5	96.0	96.1	96.1	96.1	96.1	96.1	96.1
≥ 800	32.8	77.1	82.7	87.9	92.2	93.3	95.1	95.9	96.2	96.8	96.9	96.9	96.9	96.9	96.9	96.9
≥ 700	32.8	77.3	82.9	88.2	92.6	93.6	95.5	96.3	96.7	97.4	97.4	97.4	97.5	97.5	97.5	97.5
≥ 600	32.8	77.3	83.1	88.3	92.9	93.9	95.8	96.7	97.1	97.8	97.9	97.9	98.0	98.0	98.0	98.0
≥ 500	32.8	77.3	83.1	88.4	92.9	94.0	96.0	96.8	97.3	98.2	98.2	98.2	98.4	98.4	98.4	98.4
≥ 400	32.8	77.5	83.3	88.6	93.2	94.2	96.3	97.2	97.7	98.7	98.9	98.9	99.0	99.0	99.0	99.0
≥ 300	32.8	77.5	83.4	88.6	93.2	94.3	96.5	97.4	97.9	99.1	99.3	99.3	99.5	99.5	99.5	99.5
≥ 200	32.8	77.5	83.4	88.6	93.3	94.4	96.5	97.5	98.1	99.3	99.6	99.7	99.9	99.9	99.9	99.9
≥ 100	32.8	77.5	83.4	88.6	93.3	94.4	96.5	97.5	98.1	99.3	99.6	99.7	99.9	99.9	99.9	99.9
≥ 0	32.8	77.5	83.4	88.6	93.3	94.4	96.5	97.5	98.1	99.3	99.6	99.7	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2396

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13707
STATION

DOVER AFB DELAWARE
STATION NAME

43-46, 50-72
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING ≥ 23000	21.1 22.5	50.2 53.8	54.3 58.0	57.8 61.8	60.6 64.8	61.1 65.4	62.0 66.6	62.3 66.9	62.3 67.3	62.8 67.5	62.9 67.6	63.0 67.6	63.0 67.6	63.0 67.6	63.2 67.8	63.3 67.8
IV 18000	22.5	53.5	58.2	62.0	65.0	65.6	66.7	67.1	67.1	67.5	67.5	67.7	67.8	67.8	67.9	68.0
IV 16000	22.5	54.0	58.4	62.3	65.4	66.0	67.1	67.5	67.5	67.9	68.1	68.1	68.2	68.2	68.3	68.4
IV 14000	22.8	55.2	59.5	63.5	66.6	67.2	68.3	68.6	68.6	69.1	69.2	69.3	69.3	69.3	69.5	69.6
IV 12000	23.3	57.1	61.9	65.9	69.1	69.7	70.8	71.1	71.1	71.6	71.7	71.8	71.9	71.9	72.0	72.1
IV 10000	24.0	59.3	64.5	68.9	72.2	72.9	74.0	74.3	74.3	74.8	74.9	75.0	75.0	75.0	75.2	75.3
IV 9000	24.4	60.3	65.6	70.0	73.4	74.1	75.2	75.5	75.5	76.0	76.1	76.2	76.3	76.3	76.4	76.5
IV 8000	24.9	62.0	67.3	71.8	75.4	76.0	77.1	77.5	77.5	78.1	78.2	78.3	78.3	78.3	78.5	78.6
IV 7000	25.4	63.6	68.9	73.5	77.1	77.8	79.0	79.3	79.3	79.9	80.1	80.2	80.2	80.2	80.4	80.4
IV 6000	25.4	64.1	69.4	74.2	77.8	78.6	79.7	80.1	80.1	80.7	80.8	80.9	80.9	80.9	81.1	81.2
IV 5000	25.7	65.2	70.7	75.7	79.8	80.6	81.8	82.2	82.2	82.8	82.9	83.0	83.0	83.0	83.2	83.3
IV 4500	25.8	65.6	71.2	76.4	80.7	81.4	82.6	83.0	83.0	83.6	83.7	83.8	83.9	83.9	84.0	84.1
IV 4000	25.9	66.3	72.2	77.5	81.9	82.8	84.0	84.4	84.4	85.0	85.2	85.2	85.3	85.3	85.4	85.5
IV 3500	26.0	66.8	72.7	78.0	82.6	83.4	84.7	85.0	85.0	85.7	85.8	85.9	85.9	85.9	86.1	86.2
IV 3000	26.3	67.8	73.9	79.4	84.0	84.9	86.1	86.5	86.5	87.2	87.3	87.4	87.4	87.4	87.6	87.7
IV 2500	26.6	68.7	75.1	80.9	85.5	86.6	87.8	88.2	88.2	88.9	89.0	89.1	89.1	89.1	89.3	89.4
IV 2000	26.9	69.3	75.9	81.7	86.5	87.6	89.0	89.4	89.4	90.2	90.3	90.4	90.4	90.4	90.6	90.7
IV 1800	26.9	69.4	76.0	81.9	86.7	87.9	89.3	89.7	89.7	90.3	90.6	90.7	90.7	90.7	90.9	91.0
IV 1500	27.1	69.9	76.5	82.4	87.3	88.6	90.1	90.6	90.6	91.4	91.3	91.6	91.6	91.6	91.8	91.9
IV 1000	27.2	70.6	77.4	83.4	88.6	89.9	91.3	91.8	91.8	92.6	92.7	92.8	92.9	92.9	93.0	93.1
IV 800	27.3	71.1	77.9	84.1	89.8	91.3	93.4	93.9	93.9	94.9	95.0	95.1	95.2	95.2	95.3	95.4
IV 700	27.4	71.2	78.0	84.3	90.2	91.7	93.7	94.3	94.3	95.3	95.5	95.5	95.6	95.6	95.7	95.8
IV 600	27.4	71.4	78.4	84.8	90.7	92.3	94.5	95.0	95.0	96.1	96.2	96.3	96.4	96.4	96.5	96.6
IV 500	27.4	71.4	78.6	85.1	91.0	92.6	94.8	95.3	95.4	96.5	96.6	96.7	96.7	96.7	96.9	97.0
IV 400	27.4	71.4	78.6	85.2	91.3	93.0	95.3	95.8	95.9	97.2	97.3	97.4	97.5	97.5	97.6	97.7
IV 300	27.4	71.4	78.7	85.2	91.5	93.2	95.5	96.0	96.1	97.5	97.6	97.7	97.7	97.7	97.9	98.0
IV 200	27.4	71.6	78.9	85.4	91.6	93.4	95.8	96.5	96.7	98.6	98.5	98.6	98.6	98.6	98.8	98.9
IV 100	27.4	71.6	78.9	85.4	91.7	93.6	96.1	97.1	97.3	99.0	99.5	99.6	99.6	99.6	99.8	99.9
IV 0	27.4	71.6	78.9	85.4	91.7	93.6	96.1	97.1	97.3	99.0	99.5	99.6	99.7	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2398

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13707
STATION

DUVER AFB DELAWARE
STATION NAME

43-45, 50-72
YEARS

DCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	24.7	50.6	54.1	57.3	60.4	60.8	62.1	62.5	62.5	63.0	63.4	63.4	63.8	63.8	64.2	64.9
≥20000	25.2	52.6	56.2	59.7	63.1	63.4	64.7	65.2	65.2	65.7	66.1	66.1	66.4	66.5	66.9	67.6
IV 18000	25.2	52.8	56.4	59.8	63.2	63.6	64.9	65.5	65.5	66.0	66.3	66.3	66.7	66.8	67.2	67.8
IV 16000	25.2	52.8	56.4	59.9	63.3	63.6	65.1	65.7	65.7	66.2	66.6	66.6	66.9	67.0	67.4	68.1
IV 14000	25.2	53.0	56.8	60.2	63.7	64.1	65.5	66.1	66.1	66.6	67.0	67.0	67.4	67.4	67.9	68.5
IV 12000	25.3	53.8	57.5	61.1	64.6	65.0	66.5	67.1	67.1	67.7	68.1	68.1	68.4	68.5	68.9	69.5
IV 10000	26.1	55.7	59.5	63.1	66.8	67.2	68.8	69.4	69.4	70.0	70.4	70.4	70.8	70.8	71.3	71.9
IV 9000	26.7	57.0	60.9	64.5	68.3	68.7	70.3	70.9	70.9	71.5	71.9	71.9	72.3	72.3	72.8	73.4
IV 8000	27.1	59.4	63.5	67.3	71.2	71.6	73.2	73.9	73.9	74.4	74.9	74.9	75.2	75.3	75.7	76.4
IV 7000	27.6	60.7	64.8	68.8	72.7	73.1	74.7	75.4	75.4	75.9	76.4	76.4	76.7	76.8	77.2	77.9
IV 6000	27.9	61.7	65.8	69.8	73.7	74.2	75.8	76.4	76.4	77.0	77.5	77.5	77.9	77.9	78.4	79.0
IV 5000	28.3	63.0	67.3	71.4	75.4	75.9	77.5	78.1	78.1	78.7	79.1	79.2	79.6	79.6	80.1	80.7
IV 4500	28.8	64.6	69.0	73.2	77.2	77.7	79.4	80.0	80.0	80.6	81.0	81.1	81.4	81.5	81.9	82.6
IV 4000	29.0	65.6	70.1	74.4	78.5	79.0	80.9	81.6	81.6	82.2	82.6	82.7	83.0	83.1	83.5	84.2
IV 3500	29.0	66.4	71.0	75.5	79.6	80.2	82.1	82.8	82.8	83.3	83.8	83.8	84.2	84.3	84.7	85.4
IV 3000	29.2	67.2	71.8	76.4	81.0	81.5	83.4	84.1	84.1	84.7	85.2	85.2	85.6	85.6	86.1	86.7
IV 2500	29.3	67.9	72.5	77.3	81.9	82.5	84.3	85.1	85.1	85.7	86.1	86.2	86.5	86.6	87.0	87.7
IV 2000	29.3	68.6	73.4	78.2	83.2	83.7	85.7	86.4	86.4	87.0	87.5	87.5	87.9	87.9	88.4	89.0
IV 1800	29.3	68.7	73.5	78.4	83.3	83.9	85.8	86.6	86.6	87.2	87.6	87.7	88.0	88.1	88.5	89.2
IV 1500	29.4	69.0	74.0	78.9	83.8	84.4	86.5	87.2	87.2	87.8	88.3	88.3	88.7	88.7	89.2	89.9
IV 1200	29.4	69.7	74.8	79.9	85.0	85.6	88.0	89.1	89.1	89.7	90.2	90.2	90.6	90.6	91.1	91.8
IV 1000	29.5	69.9	75.0	80.2	85.4	86.0	88.6	89.9	89.9	90.4	90.9	90.9	91.3	91.4	91.9	92.5
IV 900	29.5	70.0	75.2	80.4	85.7	86.2	88.9	90.2	90.2	90.8	91.2	91.3	91.6	91.7	92.2	92.9
IV 800	29.5	70.3	75.6	80.9	86.2	86.9	89.7	91.1	91.1	91.9	92.3	92.4	92.8	92.8	93.4	94.1
IV 700	29.6	70.5	75.8	81.2	86.5	87.3	90.2	91.6	91.6	92.4	92.9	92.9	93.4	93.4	94.0	94.7
IV 600	29.6	70.5	75.9	81.4	86.9	87.6	90.6	92.1	92.1	92.9	93.4	93.4	93.9	93.9	94.5	95.2
IV 500	29.6	70.6	76.0	81.6	87.2	88.0	91.1	92.6	92.6	93.5	93.9	94.0	94.6	94.6	95.2	95.9
IV 400	29.6	70.6	76.2	81.7	87.5	88.3	91.4	92.9	93.0	93.9	94.4	94.5	95.1	95.1	95.7	96.4
IV 300	29.6	70.7	76.2	81.8	87.8	88.6	91.9	93.4	93.5	94.6	95.2	95.3	95.9	95.9	96.6	97.3
IV 200	29.6	70.7	76.3	81.9	87.9	88.8	92.2	93.8	93.9	95.1	95.8	95.9	96.5	96.6	97.2	98.0
IV 100	29.6	70.7	76.3	81.9	87.9	88.8	92.2	93.9	94.0	95.2	95.9	96.1	96.9	97.2	98.0	98.9
IV 0	29.6	70.7	76.3	81.9	87.9	88.8	92.2	93.9	94.0	95.2	95.9	96.1	97.0	97.3	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 2407

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13707
STATION

DOVER AFB DELAWARE
STATION NAME

43-45,50-72
YEARS

0CT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥1/8	≥0
NO CEILING ≥ 20000	21.3	44.8	48.8	51.7	56.2	56.7	58.2	59.0	59.2	59.8	60.2	60.4	61.0	61.1	61.7	62.9
IV 18000	21.9	46.0	50.1	53.2	58.0	58.4	60.0	61.0	61.2	61.8	62.2	62.4	63.0	63.2	63.8	65.0
IV 16000	22.0	46.1	50.1	53.3	58.2	58.6	60.1	61.1	61.3	61.9	62.3	62.5	63.1	63.3	63.9	65.1
IV 14000	22.1	46.3	50.4	53.7	58.6	59.0	60.7	61.7	61.9	62.6	63.0	63.2	63.8	64.0	64.5	65.8
IV 12000	22.4	47.4	51.4	54.8	59.8	60.2	61.9	63.0	63.1	63.8	64.3	64.8	65.1	65.3	65.8	67.0
IV 10000	23.2	49.0	53.1	56.7	61.9	62.3	64.0	65.1	65.3	66.0	66.5	66.7	67.3	67.5	68.0	69.2
IV 9000	23.4	49.6	53.8	57.5	62.6	63.1	64.8	65.9	66.1	66.8	67.3	67.5	68.1	68.2	68.8	70.0
IV 8000	24.2	51.8	56.2	60.2	65.4	65.9	67.7	68.9	69.0	69.7	70.2	70.4	71.0	71.2	71.8	73.0
IV 7000	24.6	53.2	57.7	61.9	67.1	67.6	69.4	70.6	70.7	71.4	71.9	72.1	72.7	72.9	73.5	74.7
IV 6000	24.9	53.8	58.5	62.8	68.0	68.6	70.5	71.6	71.8	72.5	73.0	73.2	73.8	74.0	74.6	75.8
IV 5000	25.3	55.4	60.1	64.7	70.1	70.7	72.6	73.8	73.9	74.6	75.1	75.3	75.9	76.1	76.7	77.9
IV 4500	25.7	56.4	61.2	66.0	71.3	71.9	73.9	75.0	75.2	75.9	76.4	76.5	77.2	77.3	77.9	79.1
IV 4000	25.9	57.3	62.3	67.2	72.6	73.3	75.3	76.5	76.6	77.3	77.8	78.0	78.6	78.8	79.4	80.6
IV 3500	26.2	58.3	63.4	68.3	73.8	74.5	76.5	77.7	77.9	78.6	79.1	79.2	79.9	80.0	80.6	81.8
IV 3000	26.2	59.4	64.7	69.8	75.6	76.3	78.3	79.5	79.7	80.4	80.9	81.1	81.7	81.9	82.4	83.6
IV 2500	26.7	60.1	65.6	70.9	76.7	77.4	79.5	80.7	80.9	81.6	82.1	82.2	82.9	83.0	83.6	84.8
IV 2000	26.8	60.9	66.5	71.9	78.1	78.9	81.1	82.4	82.5	83.2	83.7	83.9	84.5	84.7	85.3	86.5
IV 1800	26.9	61.0	66.6	72.1	78.3	79.0	81.3	82.5	82.7	83.4	83.9	84.1	84.7	84.8	85.4	86.6
IV 1500	26.9	61.4	67.1	72.6	79.0	79.7	82.1	83.4	83.5	84.2	84.7	84.9	85.5	85.7	86.3	87.5
IV 1200	26.9	61.8	67.6	73.1	79.7	80.4	82.9	84.3	84.5	85.2	85.7	85.8	86.5	86.6	87.3	88.5
IV 1000	26.9	62.1	68.1	73.7	80.7	81.6	84.2	85.9	86.1	86.8	87.3	87.5	88.1	88.3	88.9	90.1
IV 900	26.9	62.4	68.5	74.1	81.2	82.1	84.8	86.6	86.8	87.5	88.0	88.2	88.9	89.0	89.7	90.9
IV 800	26.9	62.8	68.9	74.6	81.9	82.8	85.6	87.7	87.9	88.8	89.4	89.5	90.2	90.5	91.1	92.3
IV 700	26.9	62.8	68.9	74.7	82.2	83.1	86.1	88.3	88.5	89.5	90.0	90.2	90.9	91.1	91.8	93.0
IV 600	26.9	62.8	69.1	74.9	82.4	83.4	86.4	88.7	88.8	89.9	90.5	90.7	91.3	91.6	92.2	93.4
IV 500	26.9	62.9	69.3	75.3	82.9	84.0	87.3	89.5	89.7	91.0	91.6	91.8	92.4	92.7	93.4	94.6
IV 400	26.9	62.9	69.4	75.4	83.1	84.3	87.7	90.0	90.4	91.6	92.3	92.4	93.1	93.4	94.1	95.3
IV 300	26.9	62.9	69.4	75.4	83.4	84.6	88.1	90.7	91.0	92.3	93.0	93.2	93.9	94.2	95.0	96.2
IV 200	26.9	63.0	69.5	75.6	83.5	84.8	88.3	91.2	91.6	93.2	93.9	94.1	94.9	95.1	96.0	97.3
IV 100	26.9	63.0	69.5	75.6	83.5	84.8	88.3	91.2	91.6	93.2	94.1	94.4	95.4	95.8	96.7	98.5
IV 0	26.9	63.0	69.5	75.6	83.5	84.8	88.3	91.2	91.6	93.2	94.1	94.4	95.4	95.8	96.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2409

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13707
STATION

DOVER AFB DELAWARE
STATION NAME

43-45, 50-72
YEARS

DCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	17.8	36.5	40.8	44.6	47.4	48.6	50.0	51.6	51.9	52.9	53.4	53.6	54.1	54.2	54.6	55.7
≥ 2000	18.4	38.6	43.3	47.5	50.7	52.1	53.6	55.2	55.5	56.6	57.2	57.3	57.9	58.0	58.4	59.7
IV 18000	18.4	38.6	43.3	47.5	50.8	52.1	53.6	55.2	55.6	56.6	57.2	57.3	57.9	58.0	58.4	59.7
IV 16000	18.4	38.8	43.6	47.8	51.1	52.4	53.9	55.5	55.9	56.9	57.5	57.6	58.2	58.3	58.7	60.0
IV 14000	18.4	39.1	44.0	48.2	51.6	52.9	54.4	56.0	56.4	57.5	58.0	58.2	58.7	58.9	59.2	60.6
IV 12000	18.7	40.0	45.2	49.7	53.3	54.6	56.1	58.0	58.4	59.4	60.0	60.1	60.7	60.8	61.2	62.6
IV 10000	19.4	41.9	47.2	51.8	55.6	57.0	58.7	60.7	61.1	62.2	62.7	62.9	63.5	63.6	64.1	65.5
IV 9000	19.8	43.0	48.4	52.9	56.8	58.2	60.0	62.0	62.4	63.4	64.0	64.2	64.8	65.0	65.4	66.8
IV 8000	20.4	45.0	50.5	55.3	59.2	60.7	62.6	64.6	65.0	66.1	66.8	66.9	67.6	67.8	68.3	69.6
IV 7000	20.6	45.8	51.6	56.6	60.6	62.2	64.1	66.2	66.6	67.7	68.3	68.5	69.2	69.4	69.9	71.2
IV 6000	21.2	46.7	52.6	57.7	61.8	63.4	65.4	67.6	68.0	69.1	69.7	69.9	70.6	70.8	71.3	72.7
IV 5000	21.9	48.4	54.5	59.9	64.1	65.7	67.8	70.0	70.3	71.5	72.1	72.3	73.0	73.2	73.7	75.1
IV 4500	22.3	49.4	55.6	61.0	65.3	66.9	69.0	71.2	71.6	72.7	73.4	73.5	74.2	74.4	74.9	76.4
IV 4000	22.7	50.5	56.9	62.4	66.8	68.5	70.5	72.7	73.1	74.3	74.9	75.1	75.8	76.0	76.5	77.9
IV 3500	23.2	51.6	58.1	63.8	68.3	69.9	72.2	74.4	74.8	76.0	76.6	76.8	77.5	77.6	78.1	79.6
IV 3000	23.4	52.6	59.3	65.1	69.8	71.6	74.0	76.2	76.6	77.8	78.5	78.6	79.5	79.6	80.2	81.7
IV 2500	23.7	53.4	60.5	66.5	71.3	73.2	75.5	77.9	78.2	79.5	80.1	80.3	81.1	81.3	81.8	83.4
IV 2000	24.1	54.3	61.7	68.0	73.0	74.9	77.6	80.0	80.3	81.6	82.3	82.4	83.3	83.4	84.0	85.5
IV 1800	24.1	54.6	61.9	68.3	73.4	75.3	77.9	80.4	80.8	82.0	82.7	82.8	83.7	83.8	84.4	85.9
IV 1500	24.1	55.0	62.6	69.1	74.4	76.3	79.1	81.7	82.1	83.4	84.0	84.3	85.1	85.3	85.8	87.3
IV 1200	24.1	55.2	62.9	69.8	75.3	77.4	80.3	82.9	83.3	84.7	85.4	85.6	86.4	86.6	87.1	88.7
IV 1000	24.3	55.4	63.2	70.1	76.2	78.4	81.6	84.4	84.8	86.2	87.0	87.2	88.0	88.2	88.7	90.3
IV 900	24.3	55.7	63.5	70.4	76.5	78.7	82.0	84.8	85.3	86.7	87.5	87.7	88.5	88.7	89.2	90.8
IV 800	24.3	55.9	63.8	70.7	77.0	79.4	82.7	85.7	86.2	87.7	88.7	88.9	89.7	89.9	90.5	92.0
IV 700	24.3	55.9	63.9	71.0	77.4	79.8	83.2	86.3	86.8	88.4	89.3	89.5	90.4	90.6	91.2	92.7
IV 600	24.3	56.0	64.1	71.3	78.0	80.4	84.0	87.2	87.8	89.5	90.4	90.7	91.6	91.8	92.4	93.9
IV 500	24.3	56.1	64.3	71.6	78.5	81.0	84.8	88.2	88.7	90.6	91.6	91.8	92.7	92.9	93.6	95.1
IV 400	24.3	56.1	64.4	71.7	78.7	81.3	85.0	88.6	89.2	91.1	92.1	92.3	93.4	93.6	94.2	95.8
IV 300	24.3	56.1	64.4	71.7	78.7	81.4	85.3	88.9	89.6	91.8	93.1	93.4	94.5	94.7	95.3	96.9
IV 200	24.3	56.1	64.4	71.7	78.8	81.3	85.3	89.1	89.8	92.0	93.4	93.8	95.0	95.2	96.0	97.7
IV 100	24.3	56.1	64.4	71.7	78.8	81.5	85.3	89.1	89.8	92.0	93.5	94.0	95.2	95.5	96.4	99.2
IV 0	24.3	56.1	64.4	71.7	78.8	81.5	85.3	89.1	89.8	92.0	93.5	94.0	95.3	95.5	96.4	100.0

TOTAL NUMBER OF OBSERVATIONS

2407

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

13707
STATION

DUVEP AFB DELAWARE
STATION NAME

43-45,50-72
YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	25.5	47.2	49.7	51.7	53.4	53.6	54.2	54.5	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥20000	27.1	51.5	54.3	56.5	58.4	58.6	59.3	59.7	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥18000	27.1	51.7	54.5	56.8	58.7	58.9	59.6	60.0	60.1	60.1	60.1	60.1	60.2	60.2	60.2	60.2
≥16000	27.2	52.1	54.9	57.1	59.1	59.4	60.0	60.4	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥14000	27.6	53.0	55.9	58.2	60.1	60.4	61.1	61.5	61.6	61.6	61.6	61.6	61.7	61.7	61.7	61.7
≥12000	28.1	54.4	57.4	60.2	62.1	62.5	63.1	63.3	63.6	63.7	63.7	63.7	63.8	63.8	63.8	63.8
≥10000	29.1	57.0	60.2	63.3	65.6	66.0	66.6	67.1	67.2	67.2	67.2	67.2	67.3	67.3	67.3	67.3
≥9000	29.6	58.2	61.5	64.7	67.0	67.3	68.0	68.3	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥8000	30.2	59.6	63.1	66.4	68.9	69.2	70.0	70.3	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.8
≥7000	30.4	60.8	64.3	67.9	70.5	70.9	71.7	72.2	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.5
≥6000	30.7	61.7	65.5	69.0	71.6	71.9	72.8	73.3	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.6
≥5000	31.3	63.1	67.1	70.7	73.4	73.8	74.7	75.2	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.5
≥4500	31.6	64.0	68.1	71.7	74.4	74.8	75.7	76.3	76.4	76.4	76.4	76.4	76.5	76.5	76.5	76.5
≥4000	32.5	65.7	70.0	73.7	76.5	76.8	77.8	78.3	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.6
≥3500	33.3	67.2	71.6	75.6	78.5	78.8	79.8	80.3	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.6
≥3000	33.7	68.4	72.9	77.1	80.3	80.8	81.8	82.4	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.8
≥2500	34.2	69.5	74.3	78.6	82.0	82.6	83.6	84.2	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.6
≥2000	34.6	70.7	75.7	80.0	83.8	84.4	85.5	86.1	86.3	86.4	86.4	86.4	86.5	86.5	86.5	86.6
≥1800	34.8	71.1	76.1	80.5	84.2	84.8	85.9	86.5	86.7	86.8	86.8	86.8	86.9	86.9	86.9	86.9
≥1500	34.9	71.7	76.9	81.5	85.5	86.2	87.3	87.9	88.1	88.2	88.2	88.2	88.3	88.3	88.3	88.3
≥1200	35.2	72.7	78.3	83.0	87.3	88.1	89.2	89.9	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.4
≥1000	35.2	73.2	78.9	83.8	88.2	89.0	90.3	91.1	91.3	91.5	91.6	91.6	91.6	91.6	91.6	91.6
≥900	35.2	73.4	79.2	84.3	88.7	89.6	91.0	91.8	92.0	92.3	92.4	92.4	92.4	92.4	92.4	92.4
≥800	35.3	73.6	79.5	84.7	89.7	90.9	92.3	93.2	93.4	93.7	93.8	93.8	93.8	93.8	93.8	93.9
≥700	35.3	73.7	79.8	85.3	90.4	91.6	93.1	94.1	94.3	94.7	94.8	94.8	94.8	94.8	94.9	94.9
≥600	35.3	73.9	80.1	85.7	90.9	92.2	93.8	95.0	95.2	95.7	95.8	95.8	95.9	95.9	95.9	96.0
≥500	35.3	74.1	80.4	86.2	91.6	93.0	94.6	96.0	96.3	96.8	97.0	97.0	97.1	97.1	97.2	97.2
≥400	35.3	74.2	80.5	86.4	92.0	93.5	95.2	96.7	97.3	97.8	98.0	98.0	98.1	98.2	98.2	98.3
≥300	35.3	74.2	80.5	86.5	92.2	93.8	95.6	97.3	98.0	98.6	98.9	98.9	99.1	99.2	99.2	99.3
≥200	35.3	74.2	80.5	86.5	92.2	93.8	95.7	97.4	98.1	98.8	99.1	99.1	99.3	99.4	99.5	99.6
≥100	35.3	74.2	80.5	86.5	92.2	93.8	95.7	97.4	98.1	98.8	99.1	99.2	99.4	99.5	99.6	99.9
≥0	35.3	74.2	80.5	86.5	92.2	93.8	95.7	97.4	98.1	98.8	99.1	99.2	99.4	99.5	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS. 2406

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13707
STATION

DOVER AFB DELAWARE
STATION NAME

43-45, 50-72
YEARS

JCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS - LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	32.4	51.2	53.0	53.8	54.4	54.4	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 20000	35.4	56.2	58.1	59.2	59.9	60.0	60.3	60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.6	60.6
≥ 18000	35.5	56.6	58.4	59.6	60.3	60.3	60.7	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 16000	35.7	57.2	59.1	60.2	60.9	61.0	61.4	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 14000	36.0	58.0	59.9	61.1	61.9	62.0	62.3	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.6	62.6
≥ 12000	36.7	59.5	61.5	62.9	63.6	63.7	64.1	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 10000	37.9	62.6	64.5	66.1	66.9	67.0	67.3	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 9000	38.4	63.6	65.6	67.1	67.9	68.0	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.6	68.6
≥ 8000	38.8	65.0	67.1	68.7	69.7	69.8	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.4	70.4	70.4
≥ 7000	39.3	66.3	68.5	70.2	71.3	71.4	71.7	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 6000	39.7	67.4	69.7	71.4	72.5	72.6	72.9	73.0	73.1	73.1	73.1	73.1	73.1	73.2	73.2	73.2
≥ 5000	40.2	69.0	71.4	73.3	74.4	74.5	74.9	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 4500	41.0	70.4	72.8	74.8	75.9	76.0	76.5	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 4000	41.7	72.3	74.8	76.8	77.9	78.1	78.5	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.8	78.8
≥ 3500	43.0	74.9	77.6	79.7	81.0	81.1	81.5	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 3000	44.4	77.3	80.3	82.7	84.1	84.2	84.7	84.8	84.9	84.9	84.9	84.9	84.9	85.0	85.0	85.0
≥ 2500	45.4	79.1	82.3	84.7	86.3	86.5	87.0	87.2	87.3	87.3	87.3	87.3	87.3	87.4	87.4	87.4
≥ 2000	45.8	81.0	84.7	87.4	89.2	89.4	89.9	90.1	90.2	90.2	90.2	90.2	90.2	90.4	90.4	90.4
≥ 1800	46.0	81.4	85.1	87.9	89.8	90.0	90.5	90.7	90.9	90.9	90.9	90.9	90.9	91.0	91.1	91.1
≥ 1500	46.2	82.0	86.0	89.1	91.2	91.5	92.0	92.3	92.4	92.5	92.5	92.5	92.5	92.6	92.7	92.7
≥ 1200	46.3	82.5	86.8	90.0	92.2	92.6	93.1	93.5	93.6	93.7	93.7	93.8	93.9	93.9	93.9	93.9
≥ 1000	46.3	82.8	87.2	90.5	93.0	93.4	94.1	94.4	94.6	94.6	94.7	94.7	94.8	94.9	94.9	94.9
≥ 900	46.4	83.0	87.4	90.9	93.6	94.1	94.7	95.1	95.2	95.3	95.3	95.4	95.5	95.6	95.6	95.6
≥ 800	46.4	83.1	87.6	91.1	94.0	94.6	95.5	96.0	96.2	96.3	96.3	96.4	96.5	96.6	96.6	96.6
≥ 700	46.4	83.2	87.7	91.4	94.3	95.0	95.9	96.5	96.6	96.8	96.8	96.8	97.0	97.1	97.1	97.1
≥ 600	46.4	83.3	87.9	91.6	94.8	95.5	96.6	97.3	97.5	97.8	97.8	97.9	98.1	98.2	98.2	98.2
≥ 500	46.4	83.3	87.9	91.7	95.2	96.0	97.2	98.0	98.3	98.7	98.8	98.8	99.0	99.1	99.1	99.1
≥ 400	46.4	83.3	87.9	91.7	95.3	96.1	97.4	98.3	98.6	99.2	99.2	99.3	99.5	99.5	99.5	99.5
≥ 300	46.4	83.3	87.9	91.7	95.3	96.1	97.5	98.5	98.8	99.4	99.5	99.5	99.8	99.8	99.8	99.8
≥ 200	46.4	83.3	87.9	91.7	95.3	96.1	97.5	98.5	98.9	99.5	99.6	99.6	99.9	99.9	99.9	99.9
≥ 100	46.4	83.3	87.9	91.7	95.3	96.1	97.5	98.5	98.9	99.5	99.6	99.7	99.9	100.0	100.0	100.0
≥ 0	46.4	83.3	87.9	91.7	95.3	96.1	97.5	98.5	98.9	99.5	99.6	99.7	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2406

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13707
STATION

DOVER AFB DELAWARE
STATION NAME

43-45-50-72
YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5-16	≥¼	≥0
NO CEILING	32.4	51.9	53.7	55.0	55.7	55.8	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 20000	36.2	57.8	60.0	61.5	62.2	62.3	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
IV 18000	36.2	58.1	60.3	61.8	62.5	62.6	62.9	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1
IV 16000	36.4	58.6	60.8	62.3	63.0	63.1	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
IV 14000	36.6	59.6	61.9	63.6	64.3	64.4	64.7	64.8	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9
IV 12000	37.3	61.7	64.0	65.8	66.5	66.6	66.9	67.0	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1
IV 10000	38.5	64.5	66.9	68.7	69.5	69.6	69.9	70.0	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1
IV 9000	38.7	65.2	67.8	69.7	70.5	70.6	70.9	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1
IV 8000	40.0	68.0	70.7	72.6	73.6	73.7	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
IV 7000	40.5	69.7	72.7	74.6	75.6	75.7	76.0	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
IV 6000	40.7	70.8	73.9	75.8	77.0	77.2	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
IV 5000	41.8	72.7	75.9	78.0	79.2	79.4	79.7	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
IV 4500	42.3	73.7	76.9	79.2	80.3	80.5	80.9	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1
IV 4000	42.7	75.0	78.4	80.6	81.9	82.1	82.5	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
IV 3500	43.0	76.2	79.9	82.4	83.7	83.9	84.3	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
IV 3000	43.9	77.9	81.9	84.4	85.9	86.1	86.6	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
IV 2500	44.5	79.1	83.1	86.0	87.6	87.9	88.3	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7
IV 2000	45.0	80.5	84.6	87.7	89.4	89.9	90.4	90.7	90.7	90.8	90.9	90.9	90.9	90.9	90.9	90.9
IV 1800	45.0	80.8	84.9	88.2	90.1	90.6	91.1	91.4	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6
IV 1500	45.1	81.1	85.5	88.9	91.0	91.6	92.0	92.3	92.4	92.6	92.6	92.6	92.6	92.7	92.7	92.7
IV 1200	45.3	81.4	86.0	89.6	92.0	92.6	93.1	93.4	93.5	93.7	93.7	93.7	93.8	93.8	93.8	93.8
IV 1000	45.4	82.1	86.9	90.6	93.2	93.8	94.5	94.8	95.0	95.1	95.2	95.2	95.3	95.3	95.3	95.3
IV 900	45.4	82.4	87.3	90.9	93.7	94.4	95.1	95.4	95.6	95.8	95.8	95.8	95.9	95.9	95.9	95.9
IV 800	45.4	82.5	87.5	91.2	94.1	95.0	95.7	96.1	96.3	96.5	96.5	96.5	96.6	96.6	96.6	96.6
IV 700	45.4	82.6	87.6	91.4	94.3	95.3	96.0	96.4	96.6	96.8	96.8	96.8	97.0	97.0	97.0	97.0
IV 600	45.4	82.6	87.6	91.6	94.5	95.6	96.4	96.9	97.1	97.4	97.4	97.4	97.7	97.8	97.8	97.8
IV 500	45.4	82.7	87.8	91.9	95.0	96.2	97.1	97.7	97.9	98.2	98.2	98.2	98.6	98.7	98.7	98.7
IV 400	45.4	82.7	87.8	91.9	95.1	96.5	97.5	98.2	98.5	98.8	98.8	98.8	99.3	99.3	99.4	99.4
IV 300	45.4	82.8	87.8	92.1	95.2	96.6	97.7	98.5	98.9	99.2	99.3	99.3	99.7	99.8	99.8	99.8
IV 200	45.4	82.8	87.8	92.1	95.3	96.7	97.8	98.5	98.9	99.3	99.3	99.3	99.8	99.8	99.9	99.9
IV 100	45.4	82.8	87.8	92.1	95.3	96.7	97.8	98.5	98.9	99.3	99.4	99.4	99.8	99.9	100.0	100.0
IV 0	45.4	82.8	87.8	92.1	95.3	96.7	97.8	98.5	98.9	99.3	99.4	99.4	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2403

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13707
STATION

DOVER AFB DELAWARE
STATION NAME

43-45,50-72
YEAR

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	28.7	53.3	56.4	58.6	59.8	60.3	60.9	61.2	61.2	61.3	61.3	61.3	61.3	61.3	61.4	61.5
≥ 20000	29.6	55.9	59.3	61.6	62.9	63.4	64.2	64.4	64.4	64.6	64.6	64.6	64.6	64.6	64.7	64.7
IV 18000	29.7	56.2	59.5	62.0	63.2	63.7	64.5	64.8	64.8	64.9	64.9	64.9	64.9	64.9	65.0	65.1
IV 16000	29.7	56.3	59.7	62.1	63.3	63.9	64.6	64.9	64.9	65.0	65.0	65.0	65.0	65.0	65.1	65.2
IV 14000	20.0	57.1	60.5	62.9	64.3	64.8	65.6	65.9	65.9	66.0	66.0	66.0	66.0	66.0	66.1	66.2
IV 12000	30.6	58.6	62.0	64.7	66.1	66.6	67.4	67.8	67.8	67.9	67.9	67.9	67.9	67.9	68.0	68.1
IV 10000	31.8	61.2	64.9	67.7	69.2	69.7	70.6	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.2	71.3
IV 9000	32.1	62.0	65.9	68.8	70.2	70.8	71.6	72.0	72.0	72.1	72.1	72.1	72.1	72.1	72.2	72.3
IV 8000	33.0	63.9	67.9	70.8	72.3	72.9	73.8	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.4	74.5
IV 7000	33.6	65.7	70.0	73.1	74.7	75.3	76.2	76.5	76.5	76.7	76.7	76.7	76.7	76.7	76.8	76.8
IV 6000	34.2	66.8	71.4	74.6	76.3	76.8	77.8	78.1	78.2	78.3	78.3	78.3	78.3	78.3	78.4	78.5
IV 5000	34.9	68.6	73.4	76.6	78.4	79.0	80.0	80.3	80.4	80.5	80.5	80.5	80.5	80.5	80.6	80.7
IV 4500	35.2	69.6	74.5	77.8	79.7	80.2	81.2	81.6	81.7	81.8	81.8	81.8	81.8	81.8	81.9	82.0
IV 4000	35.8	71.4	76.5	79.9	81.9	82.4	83.5	83.8	83.9	84.0	84.0	84.0	84.0	84.0	84.1	84.2
IV 3500	36.1	72.3	77.6	81.2	83.3	83.8	84.9	85.3	85.4	85.5	85.5	85.5	85.5	85.5	85.6	85.7
IV 3000	36.4	73.1	78.8	82.5	84.7	85.3	86.4	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.1	87.2
IV 2500	36.7	74.1	80.0	83.8	86.2	86.8	88.0	88.4	88.5	88.6	88.6	88.6	88.6	88.6	88.7	88.8
IV 2000	37.2	75.3	81.2	85.2	87.9	88.4	89.6	90.2	90.2	90.5	90.5	90.5	90.5	90.5	90.6	90.7
IV 1800	37.2	75.7	81.8	85.8	88.5	89.1	90.3	90.8	90.9	91.1	91.1	91.1	91.1	91.1	91.2	91.3
IV 1500	37.2	76.0	82.3	86.4	89.5	90.1	91.4	92.1	92.2	92.4	92.4	92.4	92.4	92.5	92.6	92.6
IV 1200	37.3	76.4	83.0	87.4	90.5	91.3	92.6	93.3	93.4	93.6	93.6	93.6	93.6	93.7	93.8	93.8
IV 1000	37.4	77.1	83.8	88.5	91.7	92.6	94.0	94.7	94.8	95.1	95.1	95.1	95.1	95.1	95.2	95.3
IV 900	37.4	77.3	84.0	88.8	92.3	93.2	94.5	95.3	95.4	95.6	95.6	95.6	95.6	95.7	95.8	95.8
IV 800	37.4	77.3	84.1	88.9	92.5	93.6	95.0	95.8	96.0	96.2	96.2	96.2	96.2	96.3	96.3	96.4
IV 700	37.4	77.4	84.2	89.1	92.8	93.9	95.4	96.3	96.4	96.8	96.8	96.8	96.8	96.8	96.9	97.0
IV 600	37.4	77.5	84.4	89.4	93.2	94.3	95.9	96.8	96.9	97.3	97.3	97.3	97.3	97.3	97.4	97.5
IV 500	37.4	77.6	84.7	89.7	93.6	94.8	96.3	97.2	97.3	97.8	97.8	97.8	97.8	97.9	98.0	98.1
IV 400	37.4	77.7	84.8	89.9	93.8	95.0	96.7	97.7	97.9	98.4	98.4	98.4	98.4	98.6	98.7	98.8
IV 300	37.4	77.7	84.8	89.9	93.8	95.0	96.8	97.9	98.2	98.7	98.8	98.8	98.8	98.9	99.0	99.2
IV 200	37.4	77.7	84.9	89.9	93.9	95.1	97.0	98.1	98.4	99.0	99.0	99.0	99.0	99.2	99.3	99.4
IV 100	37.4	77.7	84.9	89.9	93.9	95.1	97.0	98.1	98.4	99.0	99.1	99.1	99.1	99.3	99.4	99.7
IV 0	37.4	77.7	84.9	89.9	93.9	95.1	97.0	98.1	98.4	99.0	99.1	99.1	99.1	99.3	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 2405

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13707
STATION

DOVER AFB DELAWARE
STATION NAME

43-45,50-72
YEARS

UCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	26.9	54.0	57.2	59.4	61.9	62.4	63.0	63.3	63.4	63.8	63.9	63.9	64.2	64.3	64.5	64.8
≥ 20000	27.1	55.7	59.2	61.5	64.2	64.7	65.4	65.7	65.8	66.2	66.4	66.4	66.7	66.8	67.0	67.3
≥ 18000	27.2	56.0	59.5	61.8	64.5	65.0	65.8	66.1	66.2	66.6	66.7	66.7	67.0	67.1	67.3	67.6
≥ 16000	27.2	56.0	59.5	61.9	64.6	65.1	65.8	66.2	66.3	66.7	66.8	66.8	67.1	67.2	67.4	67.8
≥ 14000	27.2	56.3	59.8	62.2	64.9	65.4	66.2	66.6	66.7	67.1	67.2	67.2	67.5	67.6	67.8	68.1
≥ 12000	27.6	57.0	60.6	63.0	65.8	66.3	67.1	67.5	67.6	68.0	68.1	68.1	68.4	68.5	68.7	69.1
≥ 10000	28.9	59.6	63.4	66.0	69.0	69.5	70.4	70.7	70.9	71.3	71.4	71.4	71.7	71.8	72.0	72.4
≥ 9000	29.1	60.1	64.1	66.7	69.8	70.3	71.1	71.5	71.6	72.0	72.2	72.2	72.5	72.6	72.8	73.1
≥ 8000	29.5	61.8	66.1	68.7	71.9	72.4	73.3	73.7	73.8	74.2	74.4	74.4	74.7	74.8	75.0	75.3
≥ 7000	30.1	64.1	68.5	71.2	74.6	75.1	76.0	76.4	76.5	76.9	77.1	77.1	77.4	77.5	77.7	78.0
≥ 6000	30.4	65.5	70.3	73.0	76.4	76.9	77.7	78.1	78.2	78.7	78.8	78.8	79.1	79.2	79.4	79.7
≥ 5000	31.0	67.5	72.5	75.3	78.7	79.3	80.3	80.8	80.9	81.3	81.5	81.5	81.8	81.8	82.0	82.4
≥ 4500	31.6	68.8	73.8	76.6	80.1	80.7	81.7	82.2	82.3	82.7	82.9	82.9	83.2	83.3	83.5	83.8
≥ 4000	31.9	70.0	75.2	78.0	81.6	82.2	83.2	83.7	83.8	84.3	84.4	84.4	84.7	84.8	85.0	85.3
≥ 3500	32.2	70.8	76.2	79.1	82.8	83.4	84.6	85.1	85.2	85.6	85.8	85.8	86.1	86.1	86.3	86.7
≥ 3000	32.4	71.4	76.8	79.9	83.9	84.5	85.6	86.1	86.3	86.7	86.8	86.8	87.1	87.2	87.4	87.8
≥ 2500	32.6	72.1	77.9	81.0	85.1	85.7	87.0	87.5	87.6	88.1	88.2	88.2	88.5	88.6	88.8	89.1
≥ 2000	32.7	72.6	78.5	81.9	86.4	87.0	88.3	88.9	89.0	89.4	89.6	89.6	89.9	90.0	90.2	90.6
≥ 1800	32.7	73.0	78.9	82.3	86.8	87.4	88.7	89.3	89.4	89.8	90.0	90.0	90.3	90.4	90.6	90.9
≥ 1500	32.9	73.5	79.6	83.0	87.7	88.4	89.9	90.5	90.6	91.1	91.3	91.3	91.6	91.7	91.9	92.2
≥ 1200	32.9	74.0	80.2	83.7	88.4	89.2	90.7	91.4	91.6	92.0	92.2	92.2	92.5	92.6	92.8	93.2
≥ 1000	33.1	74.4	80.8	84.3	89.1	90.0	91.8	92.4	92.7	93.1	93.3	93.3	93.6	93.7	93.9	94.2
≥ 900	33.1	74.5	81.0	84.6	89.5	90.4	92.2	92.9	93.1	93.5	93.7	93.7	94.0	94.1	94.3	94.7
≥ 800	33.1	74.6	81.3	84.9	90.0	90.9	92.7	93.4	93.7	94.1	94.3	94.3	94.6	94.7	94.9	95.2
≥ 700	33.1	74.8	81.5	85.2	90.4	91.5	93.4	94.2	94.4	94.9	95.1	95.1	95.4	95.5	95.7	96.1
≥ 600	33.1	74.8	81.5	85.4	90.7	91.8	93.8	94.5	94.7	95.3	95.5	95.5	95.9	96.0	96.2	96.6
≥ 500	33.1	74.9	81.8	85.7	91.1	92.3	94.6	95.3	95.5	96.2	96.3	96.3	96.8	96.9	97.1	97.5
≥ 400	33.1	75.0	81.9	85.8	91.3	92.4	94.8	95.6	95.9	96.5	96.8	96.8	97.3	97.4	97.6	98.0
≥ 300	33.1	75.0	81.9	86.0	91.6	92.7	95.2	96.3	96.6	97.3	97.5	97.5	98.1	98.2	98.4	98.7
≥ 200	33.1	75.0	81.9	86.0	91.6	92.7	95.2	96.3	96.6	97.3	97.6	97.7	98.2	98.3	98.6	99.0
≥ 100	33.1	75.0	81.9	86.0	91.6	92.7	95.2	96.3	96.6	97.3	97.6	97.8	98.4	98.5	99.0	99.5
≥ 0	33.1	75.0	81.9	86.0	91.6	92.7	95.2	96.3	96.6	97.3	97.6	97.8	98.4	98.5	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2395

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13707
STATION

DOVER AFB DELAWARE
STATION NAME

43-45, 50-72
YEARS

NDV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5-16	≥1	≥0
NO CEILING ≥ 20000	23.1 24.2	48.3 51.4	51.7 54.9	52.4 55.6	55.6 58.8	55.9 59.1	57.0 60.3	57.2 60.5	57.5 60.8	58.1 61.4	58.1 61.4	58.2 61.5	58.4 61.7	58.5 61.8	58.7 62.0	59.9 62.9
IV ≥ 18000	24.2	51.5	55.0	55.7	58.9	59.2	60.4	60.7	61.0	61.5	61.6	61.7	61.8	61.9	62.1	63.9
IV 16000	24.2	51.9	55.4	56.1	59.3	59.6	60.8	61.1	61.4	61.9	62.0	62.0	62.2	62.3	62.5	63.4
IV 14000	24.3	52.5	56.0	56.8	59.9	60.2	61.5	61.7	62.0	62.6	62.6	62.7	62.9	63.0	63.2	64.1
IV 12000	24.7	54.3	57.8	58.6	61.7	62.0	63.3	63.6	63.9	64.4	64.5	64.6	64.7	64.8	65.0	66.0
IV 10000	25.9	57.0	60.8	61.6	64.8	65.1	66.5	66.7	67.0	67.5	67.6	67.7	67.9	68.0	68.2	69.1
IV 9000	26.7	58.3	62.0	62.9	66.3	66.6	67.9	68.2	68.5	69.0	69.1	69.2	69.3	69.4	69.6	70.6
IV 8000	27.4	59.7	63.6	64.6	68.0	68.3	69.6	69.9	70.2	70.7	70.8	70.9	71.1	71.1	71.4	72.3
IV 7000	28.1	61.4	65.3	66.4	69.9	70.3	71.8	72.1	72.4	72.9	73.0	73.1	73.3	73.3	73.6	74.5
IV 6000	28.5	62.6	66.7	67.8	71.4	71.8	73.3	73.6	73.9	74.4	74.5	74.5	74.7	74.8	75.0	76.0
IV 5000	29.6	65.6	69.8	71.1	74.7	75.1	76.7	76.9	77.2	77.8	77.8	77.9	78.2	78.3	78.5	79.4
IV 4500	29.6	66.0	70.4	71.8	75.4	75.9	77.5	77.8	78.1	78.6	78.7	78.7	79.0	79.1	79.3	80.2
IV 4000	30.2	67.8	72.3	74.0	77.9	78.4	80.0	80.3	80.6	81.1	81.2	81.3	81.5	81.6	81.8	82.8
IV 3500	30.6	69.0	73.5	75.4	79.5	79.9	81.6	82.0	82.3	82.8	82.9	83.0	83.3	83.3	83.6	84.5
IV 3000	30.9	70.2	74.8	76.8	80.9	81.5	83.2	83.6	83.9	84.4	84.5	84.5	84.8	84.9	85.1	86.0
IV 2500	31.0	70.7	75.5	77.5	81.7	82.2	84.0	84.4	84.8	85.3	85.4	85.5	85.7	85.8	86.0	87.0
IV 2000	31.3	71.4	76.3	78.5	83.0	83.5	85.4	85.8	86.1	86.7	86.8	86.9	87.1	87.2	87.4	88.4
IV 1800	31.3	71.5	76.5	78.8	83.3	83.9	85.7	86.1	86.5	87.0	87.1	87.2	87.5	87.5	87.8	88.7
IV 1500	31.3	71.8	77.1	79.6	84.2	84.8	86.7	87.1	87.4	88.0	88.1	88.2	88.4	88.5	88.8	89.7
IV 1200	31.4	72.3	77.7	80.5	85.3	85.9	87.9	88.3	88.7	89.3	89.4	89.5	89.8	89.9	90.1	91.0
IV 1000	31.4	72.6	78.3	81.3	86.3	86.9	89.0	89.5	89.9	90.5	90.7	90.8	91.1	91.2	91.4	92.4
IV 900	31.4	72.8	78.5	81.7	86.6	87.3	89.4	89.9	90.3	91.0	91.2	91.3	91.6	91.7	91.9	92.8
IV 800	31.5	73.1	78.9	82.0	87.2	87.8	90.0	90.6	91.0	91.7	91.9	92.0	92.3	92.4	92.6	93.6
IV 700	31.5	73.2	79.0	82.1	87.3	88.0	90.4	91.1	91.5	92.1	92.4	92.4	92.7	92.8	93.1	94.1
IV 600	31.5	73.4	79.2	82.4	87.6	88.4	90.9	91.7	92.1	92.8	93.0	93.1	93.4	93.5	93.9	94.8
IV 500	31.5	73.5	79.3	82.6	87.8	88.7	91.4	92.4	92.8	93.6	93.9	93.9	94.3	94.4	94.8	95.7
IV 400	31.5	73.6	79.4	82.7	88.1	89.1	92.1	93.1	93.5	94.3	94.5	94.6	95.0	95.1	95.4	96.4
IV 300	31.5	73.6	79.5	82.8	88.3	89.5	92.7	93.9	94.3	95.1	95.4	95.6	96.0	96.0	96.4	97.4
IV 200	31.5	73.6	79.5	82.8	88.3	89.5	92.8	94.2	94.6	95.6	95.9	96.2	96.8	97.0	97.4	98.4
IV 100	31.5	73.6	79.5	82.8	88.3	89.5	92.8	94.2	94.6	95.6	96.0	96.3	97.0	97.1	97.7	98.8
IV 0	31.5	73.6	79.5	82.8	88.3	89.5	92.8	94.2	94.6	95.6	96.0	96.3	97.0	97.1	97.8	100.0

TOTAL NUMBER OF OBSERVATIONS

2329

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13707

DOVER AFB DELAWARE

43-45, 50-72

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.9	≥.8	≥.7	≥.6	≥.5	≥.4
NO CEILING	21.4	44.9	48.1	50.1	53.8	54.5	55.9	56.4	56.6	57.0	57.3	57.4	57.7	57.8	58.1	58.9
≥ 20000	22.0	47.8	51.4	53.4	57.1	57.9	59.2	59.8	60.0	60.4	60.7	60.7	61.1	61.2	61.6	62.4
≥ 18000	22.1	48.0	51.5	53.5	57.3	58.0	59.4	59.9	60.1	60.5	60.8	60.9	61.2	61.3	61.7	62.5
≥ 16000	22.1	48.2	51.7	53.7	57.5	58.2	59.6	60.1	60.3	60.7	61.0	61.1	61.4	61.6	61.9	62.8
≥ 14000	22.1	48.8	52.3	54.3	58.1	58.8	60.2	60.8	61.0	61.4	61.6	61.7	62.1	62.2	62.5	63.4
≥ 12000	22.5	50.1	53.7	55.7	59.5	60.2	61.6	62.2	62.4	62.8	63.1	63.2	63.6	63.7	64.0	64.9
≥ 10000	23.4	52.2	55.8	57.9	61.8	62.5	64.0	64.6	64.8	65.2	65.6	65.7	66.0	66.1	66.5	67.3
≥ 9000	23.9	53.9	57.6	59.7	63.7	64.4	65.9	66.5	66.7	67.1	67.4	67.5	67.9	68.1	68.3	69.2
≥ 8000	24.4	55.5	59.5	61.6	65.7	66.4	67.9	68.5	68.7	69.1	69.5	69.6	69.9	70.0	70.4	71.2
≥ 7000	25.5	57.6	61.6	64.0	68.2	68.9	70.5	71.1	71.3	71.7	72.1	72.1	72.5	72.6	73.0	73.8
≥ 6000	26.0	59.0	63.3	65.6	69.9	70.6	72.2	72.8	73.0	73.4	73.8	73.9	74.2	74.3	74.7	75.5
≥ 5000	26.8	61.5	66.0	68.4	72.9	73.6	75.3	75.9	76.1	76.5	76.9	76.9	77.3	77.5	77.8	78.7
≥ 4500	27.0	62.2	66.7	69.1	73.6	74.4	76.0	76.6	76.8	77.2	77.6	77.7	78.1	78.2	78.5	79.4
≥ 4000	27.3	63.7	68.4	70.9	75.5	76.2	78.0	78.6	78.7	79.2	79.5	79.6	80.0	80.1	80.5	81.3
≥ 3500	27.6	65.1	69.9	72.6	77.3	78.0	79.8	80.4	80.6	81.0	81.4	81.5	81.9	82.0	82.3	83.2
≥ 3000	27.7	65.8	70.9	74.0	78.7	79.4	81.2	81.8	82.0	82.4	82.8	82.9	83.3	83.4	83.8	84.6
≥ 2500	27.9	66.4	71.6	74.9	79.6	80.3	82.1	82.8	82.9	83.4	83.8	83.8	84.2	84.4	84.7	85.6
≥ 2000	28.2	67.5	72.9	76.3	81.4	82.1	83.9	84.6	84.7	85.2	85.6	85.7	86.1	86.2	86.5	87.4
≥ 1800	28.3	67.8	73.2	76.7	81.8	82.5	84.4	85.0	85.2	85.6	86.0	86.1	86.5	86.6	87.0	87.8
≥ 1500	28.5	68.3	74.2	77.8	83.2	83.9	85.8	86.4	86.6	87.1	87.5	87.6	88.0	88.1	88.5	89.3
≥ 1200	28.5	68.5	74.3	78.1	83.5	84.3	86.2	86.9	87.1	87.5	88.2	88.3	88.6	88.9	89.1	90.0
≥ 1000	28.5	68.8	74.7	78.4	84.1	84.5	86.8	87.7	87.9	88.5	89.2	89.2	89.7	89.8	90.1	91.0
≥ 900	28.5	69.0	74.9	78.9	84.7	85.6	87.6	88.4	88.6	89.3	90.0	90.1	90.5	90.6	91.0	91.8
≥ 800	28.5	69.2	75.2	79.2	85.0	86.0	88.0	88.9	89.2	89.9	90.5	90.6	91.0	91.2	91.5	92.4
≥ 700	28.5	69.5	75.5	79.5	85.5	86.6	88.6	89.5	90.0	90.7	91.3	91.4	91.9	92.0	92.4	93.2
≥ 600	28.5	69.8	75.9	80.1	86.1	87.2	89.6	90.7	90.9	91.6	92.3	92.4	92.8	93.0	93.4	94.2
≥ 500	28.5	70.0	76.2	80.5	86.5	87.6	90.1	91.3	91.7	92.6	93.3	93.4	93.8	94.0	94.4	95.2
≥ 400	28.5	70.0	76.3	80.6	86.7	87.7	90.5	92.0	92.2	93.1	94.0	94.1	94.6	94.7	95.1	96.0
≥ 300	28.5	70.0	76.4	80.8	87.0	88.2	91.0	92.7	92.9	94.0	94.8	94.9	95.4	95.5	96.0	96.8
≥ 200	28.5	70.0	76.4	80.8	87.1	88.4	91.4	93.1	93.4	94.8	95.8	95.9	96.6	96.8	97.3	98.2
≥ 100	28.5	70.0	76.4	80.8	87.1	88.4	91.4	93.1	93.4	94.8	95.9	96.1	96.8	97.0	97.5	98.7
≥ 0	28.5	70.0	76.4	80.8	87.1	88.4	91.4	93.1	93.4	94.8	95.9	96.1	96.8	97.0	97.6	100.0

TOTAL NUMBER OF OBSERVATIONS

2333

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13707
STATION

DUVEP AFB DELAWARE
STATION NAME

43-45, 50-72
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0600
HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥1/8	≥0
NO CEILING	18.7	38.2	41.9	44.7	48.0	48.8	50.6	51.3	51.5	52.1	52.3	52.4	52.7	52.8	53.0	53.6
≥ 20000	19.8	41.4	45.3	48.4	52.0	53.0	54.9	55.9	56.2	56.8	57.0	57.1	57.5	57.6	57.8	58.4
IV 18000	19.8	41.7	45.7	48.5	52.1	53.2	55.1	56.1	56.3	56.9	57.2	57.3	57.6	57.7	57.9	58.5
IV 16000	20.0	41.8	46.0	48.8	52.4	53.5	55.4	56.4	56.7	57.3	57.6	57.7	58.1	58.1	58.3	59.0
IV 14000	20.1	42.5	46.8	49.7	53.3	54.4	56.3	57.3	57.5	58.2	58.5	58.6	59.0	59.0	59.2	59.9
IV 12000	20.2	43.9	48.1	51.1	54.8	55.9	57.8	58.8	59.1	59.8	60.1	60.2	60.7	60.7	60.9	61.6
IV 10000	21.8	46.3	50.7	53.8	57.6	58.7	60.7	61.8	62.1	62.9	63.1	63.3	63.7	63.8	64.0	64.7
IV 9000	22.1	47.7	52.2	55.5	59.4	60.5	62.5	63.6	63.9	64.7	65.0	65.1	65.6	65.6	65.8	66.6
IV 8000	22.8	49.8	54.6	58.0	61.9	63.0	65.2	66.3	66.6	67.4	67.7	67.8	68.3	68.4	68.6	69.4
IV 7000	23.9	52.3	57.3	60.8	64.9	66.0	68.3	69.4	69.7	70.6	70.9	71.0	71.6	71.7	71.9	72.7
IV 6000	24.3	53.7	58.8	62.4	66.7	67.9	70.2	71.4	71.7	72.5	72.9	73.0	73.7	73.8	74.0	74.8
IV 5000	24.8	55.8	61.2	64.9	69.5	70.6	73.1	74.3	74.7	75.5	75.9	76.1	76.7	76.8	77.0	77.8
IV 4500	24.9	56.3	61.7	65.5	70.2	71.3	73.9	75.1	75.4	76.3	76.7	76.8	77.4	77.5	77.7	78.5
IV 4000	25.2	57.9	63.5	67.5	72.2	73.4	76.1	77.3	77.6	78.5	78.9	79.0	79.7	79.7	80.0	80.8
IV 3500	25.4	59.0	64.8	69.1	73.9	75.1	77.8	79.0	79.3	80.2	80.6	80.8	81.4	81.5	81.7	82.6
IV 3000	25.5	59.9	66.0	70.3	75.4	76.7	79.3	80.6	80.9	81.8	82.2	82.4	83.0	83.1	83.3	84.3
IV 2500	25.6	60.3	66.6	71.1	76.2	77.5	80.1	81.4	81.8	82.7	83.0	83.3	83.9	84.0	84.2	85.2
IV 2000	25.9	61.0	67.5	72.0	77.3	78.6	81.4	82.7	83.0	83.9	84.3	84.5	85.2	85.3	85.5	86.5
IV 1800	26.0	61.2	67.7	72.3	77.7	79.0	81.8	83.1	83.4	84.3	84.7	84.9	85.6	85.7	85.9	86.9
IV 1500	26.2	62.0	68.6	73.4	79.0	80.5	83.3	84.7	85.0	86.0	86.4	86.6	87.2	87.3	87.5	88.5
IV 1200	26.3	62.7	69.4	74.3	80.1	81.5	84.5	86.1	86.4	87.4	87.8	88.1	88.7	88.8	89.0	90.0
IV 1000	26.3	63.0	69.8	74.9	80.9	82.4	85.5	87.2	87.6	88.5	89.1	89.4	90.0	90.1	90.4	91.4
IV 900	26.3	63.1	69.9	75.0	81.1	82.7	85.9	87.6	87.9	88.9	89.5	89.8	90.4	90.5	90.8	91.8
IV 800	26.3	63.3	70.2	75.2	81.5	83.2	86.4	88.1	88.5	89.6	90.1	90.4	91.1	91.2	91.5	92.4
IV 700	26.3	63.4	70.3	75.4	81.9	83.7	87.1	88.8	89.2	90.3	90.9	91.2	91.8	91.9	92.2	93.2
IV 600	26.3	63.7	70.6	75.8	82.4	84.3	87.8	89.5	89.9	91.1	91.7	92.0	92.6	92.7	93.0	94.0
IV 500	26.3	63.7	70.7	76.0	82.8	84.8	88.3	90.2	90.6	92.0	92.5	92.8	93.6	93.7	94.0	95.0
IV 400	26.3	63.8	70.7	76.1	83.0	85.2	88.8	90.9	91.3	92.9	93.5	93.8	94.8	94.9	95.3	96.3
IV 300	26.3	63.8	70.7	76.2	83.0	85.2	89.1	91.5	92.0	93.8	94.4	94.7	95.7	95.9	96.4	97.3
IV 200	26.3	63.8	70.7	76.2	83.1	85.3	89.2	91.7	92.2	93.9	94.6	94.9	96.1	96.3	96.8	97.9
IV 100	26.3	63.8	70.7	76.2	83.1	85.3	89.2	91.7	92.2	93.9	94.6	95.0	96.3	96.5	97.3	98.6
IV 0	26.3	63.8	70.7	76.2	83.1	85.3	89.2	91.7	92.2	93.9	94.6	95.0	96.3	96.5	97.3	100.0

TOTAL NUMBER OF OBSERVATIONS

2330

USAF ETAC

FORM
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13707
STATION

DOVER AFB DELAWARE
STATION NAME

43-45,50-72
YEARS

NDV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.25	≥ 1	≥ .75	≥ .5	≥ .25	≥ .16	≥ .1	≥ 0
NO CEILING	22.4	40.9	43.2	44.9	46.4	47.1	47.8	48.2	48.2	48.5	48.5	48.5	48.6	48.6	48.7	48.8
≥ 2000	25.4	47.2	50.0	52.3	54.2	54.9	55.8	56.2	56.2	56.4	56.5	56.5	56.6	56.6	56.7	56.8
≥ 18000	25.5	47.5	50.4	52.7	54.6	55.4	56.2	56.6	56.6	56.9	56.9	56.9	57.0	57.0	57.1	57.3
≥ 16000	25.5	47.7	50.6	53.0	54.9	55.6	56.4	56.9	56.9	57.1	57.2	57.2	57.3	57.3	57.3	57.5
≥ 14000	26.0	48.9	52.0	54.3	56.3	57.0	57.8	58.3	58.3	58.5	58.6	58.6	58.7	58.7	58.8	58.9
≥ 12000	26.8	50.4	53.6	56.0	58.1	58.9	59.9	60.5	60.5	60.8	60.8	60.8	60.9	60.9	61.0	61.2
≥ 10000	28.0	53.1	56.4	59.1	61.5	62.4	63.5	64.2	64.2	64.4	64.5	64.5	64.5	64.6	64.6	64.8
≥ 9000	28.6	54.8	58.1	60.9	63.3	64.3	65.3	66.2	66.2	66.4	66.5	66.5	66.6	66.6	66.7	66.8
≥ 8000	29.1	56.9	60.3	63.2	65.8	66.8	68.2	68.9	68.9	69.2	69.2	69.2	69.3	69.4	69.4	69.6
≥ 7000	30.2	59.6	63.3	66.6	69.2	70.3	71.7	72.5	72.5	72.8	72.8	72.9	72.9	73.0	73.0	73.3
≥ 6000	30.6	61.0	64.8	68.1	70.8	72.0	73.4	74.3	74.3	74.6	74.7	74.7	74.8	74.9	74.9	75.1
≥ 5000	31.4	62.7	66.7	70.0	72.7	73.9	75.4	76.3	76.3	76.6	76.7	76.7	76.8	76.9	76.9	77.1
≥ 4500	31.8	63.7	67.7	71.2	73.9	75.2	76.7	77.6	77.6	77.9	78.0	78.0	78.2	78.2	78.2	78.4
≥ 4000	32.7	65.8	69.8	73.3	76.2	77.6	79.1	80.0	80.1	80.4	80.5	80.5	80.6	80.6	80.7	80.9
≥ 3500	33.1	66.9	71.2	74.8	77.8	79.1	80.7	81.7	81.8	82.1	82.1	82.1	82.3	82.3	82.4	82.5
≥ 3000	33.5	68.5	73.1	76.8	79.8	81.2	82.8	83.8	83.8	84.1	84.2	84.2	84.4	84.4	84.5	84.6
≥ 2500	34.0	69.4	74.2	77.9	81.1	82.4	84.1	85.1	85.1	85.4	85.5	85.5	85.7	85.7	85.8	85.9
≥ 2000	34.2	70.1	75.1	79.1	82.4	83.6	85.5	86.5	86.5	86.9	87.0	87.1	87.2	87.3	87.3	87.5
≥ 1800	34.2	70.3	75.2	79.4	82.8	84.2	85.8	86.9	86.9	87.3	87.5	87.6	87.7	87.7	87.7	87.9
≥ 1500	34.4	71.0	76.2	80.6	84.3	85.8	87.6	88.6	88.7	89.1	89.2	89.3	89.4	89.5	89.5	89.7
≥ 1200	34.6	71.4	76.6	81.2	85.0	86.6	88.4	89.5	89.6	90.0	90.2	90.3	90.4	90.4	90.5	90.6
≥ 1000	34.7	71.8	77.1	81.8	85.9	87.5	89.5	90.7	90.7	91.2	91.4	91.5	91.7	91.8	91.8	92.0
≥ 900	34.7	71.8	77.1	82.0	86.3	87.9	90.0	91.3	91.3	91.9	92.1	92.2	92.4	92.4	92.5	92.7
≥ 800	34.7	72.1	77.4	82.4	87.0	88.8	90.9	92.2	92.2	92.8	93.1	93.2	93.4	93.4	93.5	93.6
≥ 700	34.7	72.2	77.6	82.6	87.3	89.3	91.6	93.0	93.0	93.8	94.1	94.2	94.4	94.5	94.5	94.7
≥ 600	34.7	72.2	77.7	82.8	87.9	90.0	92.4	93.9	94.0	94.9	95.2	95.3	95.6	95.7	95.7	95.9
≥ 500	34.7	72.5	78.0	83.3	88.5	90.7	93.3	94.9	95.1	96.3	96.7	96.8	97.1	97.2	97.3	97.5
≥ 400	34.7	72.6	78.1	83.5	88.7	90.9	93.6	95.5	95.6	96.8	97.3	97.3	97.6	97.7	97.9	98.0
≥ 300	34.7	72.6	78.2	83.6	88.9	91.2	93.9	95.8	96.0	97.3	97.8	97.9	98.2	98.3	98.7	98.8
≥ 200	34.7	72.6	78.2	83.6	88.9	91.2	93.9	96.0	96.2	97.5	98.2	98.3	98.7	98.8	99.2	99.5
≥ 100	34.7	72.6	78.2	83.6	88.9	91.2	93.9	96.0	96.2	97.5	98.2	98.4	98.7	98.9	99.4	99.8
≥ 0	34.7	72.6	78.2	83.6	88.9	91.2	93.9	96.0	96.2	97.5	98.2	98.4	98.7	98.9	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 2330

3

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13707
STATION

DOVER AFB DELAWARE
STATION NAME

43-45, 50-72
YEARS

NGV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥⅓	≥⅒	≥0
NO CEILING	26.7	42.9	44.1	45.2	46.0	46.2	46.8	46.8	46.9	46.9	46.9	46.9	47.1	47.1	47.1	47.1
≥ 20000	31.6	51.3	52.8	54.1	55.0	55.1	55.7	55.7	55.9	55.9	55.9	55.9	56.0	56.0	56.0	56.0
≥ 18000	31.6	51.5	53.1	54.3	55.2	55.4	55.9	56.0	56.1	56.1	56.1	56.1	56.2	56.2	56.2	56.2
IV 16000	32.0	52.2	53.8	55.0	55.9	56.1	56.7	56.7	56.8	56.8	56.8	56.8	57.0	57.0	57.0	57.0
IV 14000	33.0	54.0	55.6	56.9	57.8	58.0	58.5	58.6	58.7	58.7	58.7	58.7	58.8	58.8	58.8	58.8
IV 12000	34.0	55.9	57.7	59.0	60.0	60.2	60.8	60.8	61.0	61.1	61.1	61.1	61.2	61.2	61.2	61.2
IV 10000	35.2	59.2	61.3	62.9	64.1	64.5	65.1	65.2	65.3	65.4	65.4	65.4	65.6	65.6	65.6	65.6
IV 9000	35.6	60.0	62.2	63.8	65.1	65.5	66.1	66.2	66.3	66.4	66.4	66.4	66.6	66.6	66.6	66.6
IV 8000	36.2	61.7	64.2	66.1	67.5	67.9	68.6	68.7	68.8	69.0	69.0	69.0	69.1	69.1	69.1	69.1
IV 7000	36.8	63.3	65.9	67.8	69.3	69.7	70.4	70.5	70.7	70.8	70.8	70.8	71.0	71.0	71.0	71.0
IV 6000	36.9	64.6	67.2	69.3	70.7	71.1	71.9	72.0	72.1	72.3	72.3	72.3	72.4	72.4	72.4	72.4
IV 5000	38.1	66.5	69.3	71.6	73.1	73.6	74.5	74.6	74.8	74.9	74.9	74.9	75.1	75.1	75.1	75.1
IV 4500	38.6	67.5	70.4	72.7	74.2	74.7	75.6	75.7	75.9	76.0	76.0	76.0	76.2	76.2	76.2	76.2
IV 4000	39.4	69.7	72.9	75.2	76.8	77.3	78.3	78.4	78.7	78.8	78.8	78.8	79.0	79.0	79.0	79.0
IV 3500	40.6	71.8	75.1	77.8	79.5	80.0	81.0	81.2	81.5	81.6	81.6	81.6	81.8	81.8	81.8	81.8
IV 3000	41.9	74.8	78.2	80.9	82.6	83.2	84.2	84.3	84.7	84.8	84.8	84.8	85.0	85.0	85.0	85.0
IV 2500	42.4	76.3	79.9	82.8	84.5	85.1	86.1	86.3	86.6	86.8	86.8	86.8	86.9	86.9	86.9	86.9
IV 2000	42.6	77.5	81.3	84.3	86.3	86.9	88.0	88.2	88.5	88.7	88.7	88.7	88.9	88.9	88.9	88.9
IV 1800	42.6	77.7	81.5	84.6	86.7	87.3	88.4	88.6	88.9	89.1	89.1	89.1	89.3	89.3	89.3	89.3
IV 1500	42.7	78.3	82.4	85.7	87.9	88.6	89.7	89.9	90.3	90.5	90.5	90.5	90.7	90.7	90.7	90.7
IV 1200	42.8	78.7	83.0	86.3	88.8	89.5	90.7	90.9	91.4	91.5	91.5	91.5	91.7	91.7	91.7	91.7
IV 1000	42.9	79.1	83.5	87.0	89.8	90.5	91.7	92.0	92.5	92.6	92.7	92.7	92.8	92.8	92.9	92.9
IV 900	42.9	79.2	83.8	87.4	90.3	91.0	92.3	92.6	93.1	93.3	93.3	93.3	93.5	93.5	93.5	93.5
IV 800	42.9	79.4	84.1	87.8	91.0	91.7	93.1	93.4	94.0	94.3	94.4	94.4	94.5	94.5	94.6	94.6
IV 700	42.9	79.7	84.6	88.4	91.8	92.6	94.1	94.5	95.1	95.4	95.5	95.5	95.7	95.7	95.7	95.7
IV 600	42.9	79.9	84.9	88.9	92.4	93.2	94.9	95.4	96.0	96.5	96.7	96.7	96.8	96.8	96.9	96.9
IV 500	42.9	79.9	85.0	89.1	92.8	93.7	95.5	96.0	96.6	97.3	97.6	97.6	97.8	97.8	97.9	97.9
IV 400	42.9	79.9	85.0	89.2	93.1	94.0	95.9	96.6	97.2	97.9	98.2	98.2	98.4	98.4	98.5	98.5
IV 300	42.9	80.0	85.1	89.3	93.3	94.2	96.2	96.9	97.6	98.3	98.6	98.6	98.8	98.8	99.1	99.1
IV 200	42.9	80.0	85.1	89.3	93.3	94.2	96.2	96.9	97.6	98.4	98.8	98.8	99.1	99.1	99.4	99.4
IV 100	42.9	80.0	85.1	89.3	93.3	94.2	96.2	96.9	97.6	98.5	98.8	98.8	99.1	99.1	99.6	100.0
IV 0	42.9	80.0	85.1	89.3	93.3	94.2	96.2	96.9	97.6	98.5	98.8	98.8	99.1	99.1	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS.

2329

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13707
STATION

DOVER AFB DELAWARE
STATION NAME

43-45,50-72
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS U.S.T.

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	¾
NO CEILING	27.2	42.4	44.4	45.3	46.2	46.5	47.2	47.4	47.5	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 20000	32.0	51.5	53.7	54.8	55.8	56.1	56.8	57.1	57.1	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 18000	32.1	51.8	54.0	55.1	56.1	56.4	57.1	57.4	57.4	57.6	57.6	57.6	57.6	57.6	57.6	57.6
≥ 16000	32.3	52.2	54.5	55.6	56.5	56.9	57.6	57.8	57.9	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 14000	32.8	53.3	55.7	56.8	57.8	58.1	58.9	59.2	59.2	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 12000	33.9	55.6	58.1	59.3	60.5	60.8	61.6	61.9	61.9	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 10000	34.9	58.8	61.5	62.8	64.1	64.5	65.4	65.6	65.7	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 9000	35.3	59.8	62.5	63.9	65.3	65.6	66.5	66.8	66.8	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 8000	36.0	62.4	65.3	66.7	68.1	68.0	69.5	69.8	69.9	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 7000	26.8	64.3	67.4	68.8	70.3	70.7	71.6	71.9	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 6000	37.2	65.7	68.9	70.4	71.8	72.2	73.3	73.5	73.7	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 5000	38.0	67.8	71.3	72.9	74.4	75.0	76.1	76.3	76.6	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 4500	38.5	69.0	72.5	74.2	75.6	76.4	77.4	77.7	78.0	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 4000	39.6	71.9	75.8	77.8	79.8	80.4	81.5	81.8	82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 3500	40.5	73.3	77.3	79.5	81.6	82.3	83.4	83.6	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 3000	40.8	75.2	79.6	82.0	84.2	84.8	85.9	86.1	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 2500	41.1	76.4	80.8	83.2	85.7	86.4	87.6	87.9	88.2	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 2000	41.6	77.5	82.2	84.7	87.3	88.0	89.2	89.5	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 1800	41.6	77.6	82.3	84.8	87.3	88.1	89.3	89.6	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 1500	41.6	78.0	82.9	85.5	88.2	88.9	90.2	90.5	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1200	41.7	78.6	83.9	86.5	89.4	90.2	91.5	91.8	92.1	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 1000	41.7	78.8	84.2	87.0	90.2	91.0	92.5	92.7	93.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 900	41.7	78.9	84.5	87.4	90.6	91.4	93.0	93.5	93.9	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 800	41.7	79.0	84.7	87.7	91.1	91.9	93.4	94.2	94.6	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 700	41.7	79.0	84.8	88.0	91.5	92.3	93.9	94.7	95.2	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 600	41.7	79.1	84.9	88.2	92.0	92.8	94.5	95.4	95.9	96.7	96.8	96.8	96.8	96.8	96.8	96.8
≥ 500	41.7	79.1	84.9	88.4	92.2	93.1	94.9	96.0	96.5	97.4	97.7	97.7	97.7	97.7	97.7	97.7
≥ 400	41.7	79.1	84.9	88.5	92.4	93.2	95.2	96.3	96.9	98.0	98.3	98.4	98.4	98.4	98.4	98.4
≥ 300	41.7	79.1	84.9	88.5	92.4	93.3	95.3	96.6	97.2	98.5	98.8	98.9	98.9	98.9	98.9	98.9
≥ 200	41.7	79.1	84.9	88.5	92.4	93.3	95.3	96.6	97.3	98.5	98.9	99.0	99.0	99.0	99.0	99.0
≥ 100	41.7	79.1	84.9	88.5	92.4	93.3	95.3	96.6	97.3	98.5	98.9	99.0	99.0	99.0	99.0	99.0
0	41.7	79.1	84.9	88.5	92.4	93.3	95.3	96.6	97.3	98.5	98.9	99.0	99.0	99.0	99.0	99.0

TOTAL NUMBER OF OBSERVATIONS

2331

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13707
STATION

DOVER AFB DELAWARE
STATION NAME

43-45, 50-72
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING	26.3	47.7	50.1	51.7	53.2	53.5	54.4	54.8	54.9	55.3	55.3	55.3	55.5	55.5	55.5	55.5
≥ 20000	27.9	52.8	55.5	57.0	58.8	59.1	60.0	60.4	60.5	60.9	60.9	60.9	61.1	61.1	61.1	61.1
≥ 18000	28.0	53.2	55.9	57.5	59.3	59.6	60.4	60.8	60.9	61.3	61.4	61.4	61.5	61.5	61.5	61.5
≥ 16000	28.0	53.4	56.0	57.6	59.4	59.7	60.6	60.9	61.1	61.4	61.5	61.5	61.7	61.7	61.7	61.7
≥ 14000	28.4	54.4	57.1	58.6	60.5	60.8	61.7	62.1	62.2	62.6	62.7	62.7	62.8	62.8	62.8	62.8
≥ 12000	29.3	56.5	59.5	61.1	63.0	63.4	64.3	64.6	64.8	65.2	65.2	65.2	65.4	65.4	65.4	65.4
≥ 10000	30.3	58.5	61.6	63.3	65.4	65.9	66.8	67.2	67.4	67.7	67.8	67.8	68.0	68.0	68.0	68.0
≥ 9000	30.8	59.6	62.8	64.5	66.5	67.1	68.0	68.4	68.6	68.9	69.0	69.0	69.2	69.2	69.2	69.2
≥ 8000	31.4	61.4	64.9	66.7	68.8	69.5	70.5	70.8	71.0	71.4	71.4	71.4	71.6	71.6	71.6	71.6
≥ 7000	32.0	63.5	67.1	69.0	71.1	71.8	72.8	73.2	73.4	73.7	73.8	73.8	74.1	74.1	74.1	74.1
≥ 6000	32.6	65.3	68.9	70.9	73.2	73.9	74.9	75.3	75.5	75.8	75.9	75.9	76.2	76.2	76.2	76.2
≥ 5000	33.3	68.4	72.2	74.2	76.6	77.4	78.5	78.9	79.2	79.5	79.6	79.6	79.8	79.8	79.8	79.8
≥ 4500	33.8	69.8	73.6	75.7	78.1	78.9	80.0	80.4	80.7	81.0	81.1	81.1	81.4	81.4	81.4	81.4
≥ 4000	34.1	72.1	76.4	78.6	81.1	82.1	83.3	83.7	84.0	84.3	84.4	84.4	84.7	84.7	84.7	84.7
≥ 3500	34.5	73.0	77.5	79.8	82.5	83.5	84.7	85.1	85.4	85.7	85.8	85.8	86.1	86.1	86.1	86.1
≥ 3000	34.7	74.0	78.5	80.9	83.6	84.7	85.9	86.3	86.6	87.0	87.0	87.0	87.3	87.3	87.3	87.3
≥ 2500	35.0	75.1	79.8	82.3	85.2	86.3	87.7	88.1	88.4	88.8	88.8	88.8	89.1	89.1	89.1	89.1
≥ 2000	35.1	75.9	80.7	83.3	86.5	87.7	89.2	89.7	90.0	90.4	90.5	90.5	90.8	90.8	90.8	90.8
≥ 1800	35.1	76.0	80.8	83.4	86.6	87.9	89.4	89.8	90.2	90.6	90.7	90.7	91.0	91.0	91.0	91.0
≥ 1500	35.1	76.2	81.2	83.9	87.4	88.6	90.1	90.7	91.0	91.4	91.5	91.5	91.8	91.8	91.8	91.8
≥ 1200	35.2	76.8	82.1	84.8	88.5	89.7	91.2	91.8	92.2	92.5	92.6	92.6	92.9	92.9	92.9	92.9
≥ 1000	35.2	77.0	82.6	85.5	89.4	90.7	92.3	92.9	93.4	93.8	93.8	93.8	94.1	94.1	94.1	94.1
≥ 900	35.2	77.0	82.7	85.6	89.5	90.9	92.6	93.2	93.7	94.1	94.1	94.1	94.4	94.4	94.4	94.4
≥ 800	35.2	77.1	82.9	85.8	89.8	91.1	92.9	93.5	93.9	94.4	94.5	94.5	94.8	94.8	94.8	94.8
≥ 700	35.2	77.2	82.9	86.0	90.1	91.5	93.4	94.1	94.5	95.1	95.3	95.3	95.6	95.6	95.6	95.6
≥ 600	35.2	77.3	83.1	86.3	90.7	92.0	94.1	94.8	95.3	96.0	96.2	96.2	96.6	96.6	96.6	96.6
≥ 500	35.2	77.3	83.2	86.4	90.9	92.2	94.4	95.2	95.7	96.4	96.6	96.6	97.2	97.2	97.2	97.2
≥ 400	35.2	77.3	83.3	86.6	91.3	92.6	95.0	95.8	96.3	97.2	97.4	97.5	98.1	98.1	98.1	98.1
≥ 300	35.2	77.5	83.5	86.8	91.6	92.9	95.4	96.4	97.0	97.9	98.2	98.3	98.9	99.0	99.0	99.0
≥ 200	35.2	77.5	83.5	86.8	91.7	93.1	95.6	96.6	97.2	98.1	98.4	98.5	99.1	99.2	99.2	99.2
≥ 100	35.2	77.5	83.5	86.8	91.7	93.1	95.6	96.6	97.2	98.2	98.4	98.6	99.2	99.3	99.4	99.5
≥ 0	35.2	77.5	83.5	86.8	91.7	93.1	95.6	96.6	97.2	98.2	98.4	98.6	99.2	99.3	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 2322

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13707
STATION

DOVER AFB DELAWARE
STATION NAME

43-45, 50-72
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS TEST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	23.0	46.4	50.5	51.6	53.9	54.5	55.2	55.5	55.8	56.2	56.3	56.3	56.3	56.4	56.6	56.9
≥ 20000	24.8	52.3	54.5	55.8	58.2	58.9	59.6	59.9	60.2	60.6	60.7	60.7	60.8	60.9	61.1	61.4
≥ 18000	24.9	52.6	54.9	56.1	58.6	59.2	59.9	60.2	60.5	60.9	61.0	61.0	61.1	61.2	61.4	61.8
≥ 16000	24.9	52.9	55.1	56.4	58.8	59.5	60.2	60.5	60.8	61.2	61.3	61.3	61.4	61.5	61.7	62.0
≥ 14000	25.5	53.9	56.3	57.5	59.9	60.6	61.3	61.6	61.9	62.4	62.5	62.5	62.6	62.7	62.9	63.3
≥ 12000	26.2	55.6	58.0	59.3	61.9	62.5	63.3	63.6	63.9	64.4	64.5	64.5	64.6	64.7	64.9	65.2
≥ 10000	27.4	57.7	60.2	61.5	64.1	64.8	65.5	65.8	66.2	66.7	66.8	66.8	67.0	67.1	67.4	67.7
≥ 9000	27.7	59.0	61.6	62.9	65.6	66.3	67.0	67.3	67.7	68.2	68.3	68.3	68.5	68.6	68.9	69.2
≥ 8000	28.7	61.1	63.9	65.3	68.0	68.8	69.5	69.8	70.2	70.7	70.8	70.8	71.0	71.1	71.4	71.7
≥ 7000	29.3	63.2	66.0	67.5	70.4	71.2	72.0	72.3	72.7	73.2	73.3	73.3	73.6	73.7	74.0	74.3
≥ 6000	29.8	65.0	67.9	69.6	72.6	73.4	74.1	74.5	74.9	75.4	75.5	75.5	75.8	75.9	76.2	76.5
≥ 5000	30.8	68.2	71.4	73.2	76.3	77.2	78.0	78.3	78.8	79.3	79.5	79.5	79.7	79.8	80.1	80.4
≥ 4500	31.3	69.4	72.7	74.6	77.7	78.6	79.4	79.8	80.2	80.8	80.9	80.9	81.2	81.3	81.5	81.9
≥ 4000	31.7	71.1	74.8	76.7	80.0	80.8	81.6	82.0	82.4	83.0	83.2	83.2	83.4	83.6	83.8	84.2
≥ 3500	32.1	72.4	76.1	78.1	81.5	82.4	83.3	83.8	84.2	84.8	85.0	85.0	85.2	85.4	85.6	86.0
≥ 3000	32.4	73.6	77.5	79.6	83.0	83.9	84.8	85.3	85.8	86.4	86.6	86.6	86.8	86.9	87.2	87.5
≥ 2500	32.7	74.5	78.4	80.7	84.2	85.3	86.2	86.6	87.1	87.7	87.9	87.9	88.1	88.3	88.5	88.9
≥ 2000	32.8	75.0	79.1	81.4	85.2	86.3	87.4	87.9	88.4	89.1	89.3	89.3	89.6	89.7	89.9	90.3
≥ 1800	32.8	75.0	79.2	81.5	85.4	86.5	87.6	88.1	88.6	89.3	89.5	89.5	89.8	89.9	90.2	90.5
≥ 1500	32.8	75.4	79.8	82.2	86.1	87.2	88.3	88.8	89.3	90.1	90.2	90.2	90.5	90.6	90.9	91.3
≥ 1200	32.8	75.7	80.2	82.8	86.9	88.0	89.2	89.7	90.3	91.1	91.2	91.2	91.5	91.7	91.9	92.3
≥ 1000	32.8	76.2	80.9	83.6	87.8	89.0	90.4	91.0	91.5	92.3	92.5	92.5	92.9	93.0	93.2	93.6
≥ 900	32.9	76.3	81.1	84.1	88.3	89.5	90.8	91.5	92.0	92.9	93.0	93.0	93.4	93.5	93.8	94.1
≥ 800	32.9	76.4	81.3	84.3	88.6	89.8	91.2	91.9	92.4	93.2	93.4	93.4	93.8	93.9	94.1	94.5
≥ 700	32.9	76.6	81.4	84.5	88.9	90.2	91.6	92.4	93.0	93.9	94.0	94.0	94.5	94.6	94.9	95.3
≥ 600	32.9	76.6	81.5	84.6	89.0	90.4	92.2	92.9	93.5	94.4	94.6	94.6	95.1	95.2	95.5	95.8
≥ 500	32.9	76.8	81.7	84.8	89.4	90.8	92.9	93.7	94.3	95.2	95.4	95.4	96.0	96.1	96.4	96.7
≥ 400	32.9	76.8	81.8	85.1	89.7	91.2	93.5	94.3	94.9	95.9	96.1	96.1	96.7	96.8	97.1	97.5
≥ 300	32.9	76.8	81.9	85.2	89.9	91.4	93.8	94.8	95.4	96.4	96.7	96.7	97.3	97.4	97.7	98.1
≥ 200	32.9	76.8	81.9	85.2	90.0	91.5	94.0	95.1	95.7	96.8	97.0	97.0	97.6	97.8	98.2	98.6
≥ 100	32.9	76.8	81.9	85.2	90.0	91.5	94.0	95.1	95.7	96.8	97.1	97.1	97.8	98.0	98.5	99.1
0	32.9	76.8	81.9	85.2	90.0	91.5	94.0	95.1	95.7	96.8	97.1	97.1	97.8	98.0	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS

2336

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13707
STATION

DOVER AFB DELAWARE
STATION NAME

42-45,50-72
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	22.6	46.0	48.1	50.0	52.7	52.9	53.5	53.9	54.0	54.1	54.3	54.4	54.6	54.6	54.7	55.2
≥ 20000	23.6	48.6	50.9	52.8	55.7	55.9	56.5	56.9	57.0	57.1	57.3	57.4	57.6	57.6	57.7	58.2
≥ 18000	23.6	48.8	51.2	53.2	56.0	56.2	56.8	57.3	57.3	57.5	57.7	57.7	57.9	57.9	58.0	58.5
≥ 16000	23.6	49.1	51.4	53.4	56.3	56.5	57.1	57.5	57.6	57.7	57.9	58.0	58.2	58.2	58.3	58.8
≥ 14000	23.8	49.8	52.2	54.2	57.0	57.2	57.8	58.3	58.3	58.5	58.7	58.7	58.9	58.9	59.0	59.5
≥ 12000	24.3	51.2	53.7	55.7	58.7	58.9	59.5	60.0	60.0	60.2	60.4	60.4	60.6	60.6	60.7	61.2
≥ 10000	25.0	53.1	55.6	57.7	60.7	60.9	61.6	62.0	62.1	62.2	62.4	62.5	62.7	62.7	62.8	63.3
≥ 9000	25.2	54.0	56.5	58.6	61.7	61.9	62.5	62.9	63.0	63.1	63.3	63.4	63.6	63.6	63.7	64.2
≥ 8000	26.2	56.0	58.9	61.2	64.5	64.8	65.5	65.9	65.9	66.1	66.3	66.3	66.6	66.6	66.7	67.2
≥ 7000	27.0	58.1	61.1	63.5	67.1	67.5	68.2	68.7	68.7	68.9	69.1	69.2	69.5	69.5	69.7	70.2
≥ 6000	27.5	59.4	62.4	64.9	68.7	69.2	70.1	70.6	70.6	70.8	71.0	71.1	71.4	71.4	71.6	72.1
≥ 5000	28.1	61.6	64.7	67.6	72.0	72.6	73.6	74.2	74.2	74.4	74.6	74.6	75.0	75.0	75.2	75.6
≥ 4500	28.3	62.7	65.8	68.8	73.2	73.7	74.9	75.4	75.4	75.6	75.8	75.9	76.2	76.2	76.4	76.9
≥ 4000	28.4	64.4	67.7	70.8	75.4	76.0	77.3	77.8	77.9	78.0	78.2	78.3	78.6	78.6	78.8	79.3
≥ 3500	28.8	65.7	69.1	72.2	77.0	77.6	79.0	79.5	79.6	79.8	80.0	80.1	80.4	80.4	80.6	81.1
≥ 3000	28.9	66.7	70.1	73.3	78.3	79.0	80.4	81.0	81.1	81.4	81.6	81.7	82.0	82.0	82.2	82.7
≥ 2500	29.0	67.1	70.7	74.3	79.6	80.4	81.9	82.5	82.6	82.9	83.1	83.2	83.5	83.5	83.7	84.2
≥ 2000	29.2	68.0	72.0	75.8	81.3	82.1	83.6	84.3	84.4	84.7	84.9	85.0	85.3	85.3	85.5	86.0
≥ 1800	29.2	68.0	72.0	76.0	81.4	82.2	83.8	84.5	84.6	84.9	85.1	85.2	85.5	85.5	85.7	86.2
≥ 1500	29.2	68.1	72.3	76.3	82.1	83.0	84.7	85.5	85.6	86.0	86.2	86.3	86.6	86.6	86.8	87.3
≥ 1200	29.3	68.8	73.1	77.1	82.9	83.9	85.7	86.5	86.6	86.9	87.2	87.3	87.6	87.6	87.8	88.3
≥ 1000	29.3	69.1	73.4	77.5	83.7	84.6	86.5	87.4	87.5	88.0	88.3	88.3	88.7	88.7	88.9	89.4
≥ 900	29.3	69.1	73.5	77.6	84.0	84.9	86.9	87.9	88.1	88.5	88.8	88.9	89.3	89.3	89.5	89.9
≥ 800	29.4	69.3	73.8	78.0	84.5	85.4	87.5	88.6	88.7	89.3	89.6	89.7	90.0	90.0	90.2	90.7
≥ 700	29.4	69.5	74.0	78.4	85.2	86.3	88.3	89.5	89.7	90.2	90.5	90.6	91.0	91.0	91.2	91.7
≥ 600	29.4	69.7	74.4	78.8	85.9	87.0	89.4	90.7	90.9	91.5	91.8	91.9	92.3	92.3	92.5	92.9
≥ 500	29.4	69.7	74.5	78.9	86.2	87.3	89.9	91.5	91.7	92.4	92.8	92.9	93.3	93.3	93.5	94.0
≥ 400	29.4	69.7	74.5	79.0	86.5	88.0	90.8	92.7	92.9	93.6	94.2	94.3	94.8	94.8	95.0	95.5
≥ 300	29.4	69.7	74.5	79.2	86.9	88.5	91.5	93.4	93.9	94.9	95.6	95.7	96.2	96.2	96.5	97.0
≥ 200	29.4	69.7	74.6	79.3	86.9	88.6	91.7	93.6	94.2	95.2	96.1	96.2	96.7	96.7	97.0	97.5
≥ 100	29.4	69.7	74.6	79.3	86.9	88.6	91.7	93.6	94.3	95.4	96.4	96.5	97.2	97.3	97.9	98.7
≥ 0	29.4	69.7	74.6	79.3	86.9	88.6	91.7	93.6	94.3	95.4	96.4	96.5	97.2	97.3	97.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2496

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

3

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

13707
STATION

DOVER AFB DELAWARE
STATION NAME

42-45, 50-72
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS - LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	21.9	44.8	47.6	49.4	52.7	53.1	53.6	53.9	53.9	54.2	54.3	54.3	54.5	54.5	54.7	55.1	
≥ 20000	22.7	46.6	49.6	51.5	54.9	55.3	55.9	56.1	56.1	56.4	56.5	56.5	56.7	56.7	56.9	57.3	
≥ 18000	22.8	46.8	49.8	51.7	55.1	55.5	56.1	56.3	56.3	56.6	56.7	56.7	56.9	56.9	57.1	57.6	
≥ 16000	22.8	47.0	50.0	51.9	55.3	55.7	56.3	56.5	56.5	56.8	56.9	56.9	57.1	57.1	57.3	57.8	
≥ 14000	23.0	47.6	50.8	52.7	56.2	56.5	57.1	57.4	57.4	57.7	57.8	57.8	58.0	58.0	58.2	58.6	
≥ 12000	23.7	49.3	52.6	54.5	58.0	58.3	59.0	59.2	59.2	59.6	59.7	59.7	59.9	59.9	60.1	60.5	
≥ 10000	24.5	51.7	55.1	57.1	60.6	61.0	61.7	61.9	61.9	62.3	62.4	62.4	62.6	62.6	62.8	63.2	
≥ 9000	25.1	53.1	56.5	58.6	62.2	62.6	63.3	63.5	63.5	63.9	64.0	64.0	64.1	64.2	64.3	64.8	
≥ 8000	25.7	55.2	58.8	61.0	64.8	65.2	65.9	66.1	66.1	66.5	66.6	66.6	66.8	66.8	67.0	67.4	
≥ 7000	26.4	56.8	60.6	62.9	67.2	67.8	68.6	68.8	68.8	69.2	69.4	69.4	69.5	69.6	69.7	70.2	
≥ 6000	27.7	58.4	62.5	64.9	69.5	70.0	70.9	71.2	71.2	71.6	71.8	71.8	71.9	72.0	72.1	72.6	
≥ 5000	27.8	61.0	65.3	67.8	73.0	73.6	74.7	75.1	75.2	75.5	75.7	75.7	75.9	75.9	76.1	76.5	
≥ 4500	27.8	61.5	66.0	68.5	73.8	74.4	75.6	76.0	76.1	76.4	76.6	76.6	76.7	76.8	76.9	77.4	
≥ 4000	28.0	62.4	66.9	69.6	75.1	75.7	76.9	77.4	77.5	77.8	78.0	78.0	78.2	78.2	78.4	78.8	
≥ 3500	28.2	62.5	67.7	70.4	76.2	76.8	78.2	78.8	78.9	79.2	79.4	79.4	79.6	79.6	79.8	80.2	
≥ 3000	28.4	64.2	69.1	71.8	77.9	78.6	80.1	80.8	80.9	81.4	81.6	81.6	81.7	81.8	81.9	82.4	
≥ 2500	28.6	64.8	69.6	72.5	78.7	79.6	81.1	81.8	81.9	82.4	82.6	82.6	82.8	82.8	83.0	83.5	
≥ 2000	28.9	66.1	71.1	74.1	80.4	81.3	82.9	83.6	83.7	84.2	84.4	84.5	84.7	84.7	84.9	85.4	
≥ 1800	28.9	66.2	71.3	74.3	80.7	81.6	83.1	83.9	84.0	84.5	84.7	84.7	85.0	85.0	85.2	85.7	
≥ 1500	28.9	66.5	71.6	74.7	81.2	82.2	83.8	84.6	84.7	85.1	85.4	85.4	85.7	85.7	85.9	86.3	
≥ 1200	29.0	66.9	72.0	75.2	81.7	82.7	84.4	85.2	85.3	85.8	86.0	86.1	86.3	86.3	86.5	87.0	
≥ 1000	29.1	67.2	72.6	75.9	82.5	83.6	85.4	86.5	86.6	87.2	87.5	87.5	87.8	87.8	88.0	88.4	
≥ 900	29.1	67.3	72.7	76.1	82.8	83.9	85.7	86.9	87.0	87.7	87.9	88.0	88.2	88.2	88.4	88.9	
≥ 800	29.1	67.6	72.9	76.4	83.2	84.4	86.2	87.4	87.6	88.4	88.6	88.7	89.0	89.0	89.2	89.7	
≥ 700	29.2	67.9	73.4	76.9	83.7	85.0	86.9	88.2	88.4	89.2	89.6	89.6	89.9	90.0	90.2	90.6	
≥ 600	29.2	68.0	73.6	77.3	84.3	85.7	87.6	89.0	89.3	90.4	90.7	90.8	91.1	91.2	91.4	91.8	
≥ 500	29.2	68.2	73.8	77.7	84.8	86.3	88.4	90.0	90.5	91.7	92.1	92.2	92.6	92.7	93.0	93.5	
≥ 400	29.2	68.2	73.9	77.8	85.2	86.9	89.4	91.2	91.8	93.1	93.5	93.6	94.0	94.1	94.4	94.9	
≥ 300	29.2	68.2	73.9	77.9	85.5	87.5	90.2	92.2	92.9	94.2	94.8	94.9	95.3	95.4	95.8	96.3	
≥ 200	29.2	68.2	73.9	77.9	85.5	87.5	90.4	92.6	93.3	94.8	95.6	95.8	96.5	96.6	97.1	97.6	
≥ 100	29.2	68.2	73.9	77.9	85.5	87.5	90.4	92.6	93.3	94.9	95.8	96.1	96.9	97.1	98.0	98.7	
≥ 0	29.2	68.2	73.9	77.9	85.5	87.5	90.4	92.6	93.3	94.9	95.8	96.1	96.9	97.1	98.3	100.0	

TOTAL NUMBER OF OBSERVATIONS 2490

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13707

DOVER AFB DELAWARE

42-45, 50-72

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING	18.4	37.6	40.6	42.1	44.7	45.3	46.0	46.4	46.5	46.7	46.7	46.7	46.7	47.0	47.0	47.1
≥ 20000	19.9	40.5	43.8	45.6	48.7	49.3	50.1	50.8	50.8	51.2	51.2	51.2	51.2	51.5	51.5	51.6
≥ 18000	20.0	40.7	44.0	45.8	49.0	49.5	50.4	51.0	51.0	51.4	51.5	51.5	51.5	51.8	51.8	51.9
≥ 16000	20.0	41.1	44.3	46.2	49.3	49.9	50.7	51.4	51.4	51.8	51.8	51.8	51.8	52.1	52.1	52.2
≥ 14000	20.4	41.8	45.2	47.2	50.3	50.9	51.8	52.5	52.5	52.9	53.0	53.0	53.0	53.2	53.2	53.4
≥ 12000	21.0	44.0	47.6	50.0	53.1	53.7	54.7	55.4	55.4	55.8	55.9	55.9	55.9	56.2	56.2	56.5
≥ 10000	22.2	47.0	50.8	53.4	56.9	57.5	58.5	59.4	59.4	59.8	59.9	59.9	59.9	60.2	60.2	60.3
≥ 9000	23.0	48.9	53.0	55.6	59.2	59.8	60.8	61.7	61.7	62.1	62.2	62.2	62.2	62.5	62.5	62.7
≥ 8000	23.7	51.0	55.5	58.5	62.4	63.1	64.2	65.1	65.2	65.6	65.8	65.8	65.8	66.1	66.1	66.2
≥ 7000	24.5	52.9	57.9	61.1	65.4	66.2	67.5	68.4	68.5	68.9	69.1	69.1	69.1	69.4	69.4	69.6
≥ 6000	24.9	54.0	59.1	62.3	66.9	67.7	69.0	70.0	70.1	70.5	70.8	70.8	70.8	71.1	71.1	71.2
≥ 5000	25.7	56.4	61.7	65.1	70.2	71.1	72.6	73.6	73.7	74.1	74.5	74.5	74.5	74.8	74.8	74.9
≥ 4500	26.0	57.2	62.5	66.1	71.2	72.1	73.5	74.6	74.7	75.1	75.5	75.5	75.5	75.8	75.8	76.0
≥ 4000	26.2	58.0	63.5	67.1	72.3	73.3	75.0	76.1	76.2	76.6	77.0	77.0	77.0	77.4	77.4	77.5
≥ 3500	26.3	59.2	64.7	68.5	73.8	74.9	76.7	77.9	78.0	78.4	78.9	78.9	78.9	79.4	79.4	79.5
≥ 3000	26.3	59.6	65.3	69.1	74.4	75.6	77.6	78.8	79.0	79.5	80.0	80.0	80.0	80.4	80.4	80.6
≥ 2500	26.3	60.0	65.9	69.7	75.4	76.6	78.6	80.0	80.2	80.7	81.3	81.3	81.3	81.8	81.8	81.9
≥ 2000	26.4	60.7	66.8	70.8	76.9	78.1	80.3	81.7	81.8	82.5	83.1	83.1	83.1	83.7	83.7	83.8
≥ 1800	26.4	60.9	67.0	71.0	77.2	78.4	80.6	82.0	82.2	82.9	83.5	83.5	83.5	84.1	84.1	84.2
≥ 1500	26.6	61.5	67.6	71.7	77.9	79.2	81.5	82.9	83.1	83.9	84.7	84.7	84.7	85.3	85.3	85.4
≥ 1200	26.6	61.9	68.0	72.1	78.4	79.6	82.0	83.4	83.6	84.5	85.3	85.3	85.3	85.9	85.9	86.0
≥ 1000	26.7	62.3	68.6	72.8	79.4	80.8	83.3	84.8	85.0	86.0	86.9	86.9	86.9	87.5	87.5	87.6
≥ 900	26.7	62.4	68.7	73.1	79.8	81.2	83.6	85.2	85.4	86.5	87.3	87.3	87.3	87.9	87.9	88.1
≥ 800	26.7	62.6	68.9	73.4	80.2	81.7	84.1	85.7	86.0	87.2	88.2	88.2	88.2	88.9	88.9	89.0
≥ 700	26.7	62.8	69.1	73.6	80.5	82.1	84.6	86.3	86.7	87.9	88.9	88.9	88.9	89.7	89.7	89.8
≥ 600	26.7	63.2	69.6	74.3	81.3	82.8	85.5	87.3	87.6	88.9	89.9	89.9	89.9	90.7	90.7	90.9
≥ 500	26.7	63.4	69.9	74.8	82.1	83.7	86.7	88.6	88.9	90.3	91.5	91.5	91.5	92.4	92.4	92.6
≥ 400	26.7	63.4	70.0	75.0	82.7	84.3	87.5	89.9	90.2	91.9	93.0	93.1	93.1	94.1	94.1	94.3
≥ 300	26.7	63.4	70.0	75.0	82.8	84.6	87.9	90.4	90.9	92.7	94.0	94.1	94.1	95.3	95.4	95.6
≥ 200	26.7	63.5	70.0	75.0	82.9	84.8	88.2	90.8	91.5	93.5	94.8	95.0	95.0	96.2	96.4	96.8
≥ 100	26.7	63.5	70.0	75.0	82.9	84.8	88.3	90.9	91.5	93.6	95.1	95.3	95.3	96.8	97.0	97.6
≥ 0	26.7	63.5	70.0	75.0	82.9	84.8	88.3	90.9	91.5	93.6	95.1	95.3	95.3	96.8	97.1	98.2

TOTAL NUMBER OF OBSERVATIONS

2496

C
3DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13707
STATIONDOVER AFB DELAWARE
STATION NAME42-45, 50-72
YEARSJEC
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)0900-1100
HOURS - 151

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING	20.6	38.2	40.3	41.9	43.0	43.5	43.9	44.4	44.4	44.6	44.7	44.7	44.7	44.7	44.7	44.8
≥ 20000	22.9	43.8	46.4	48.4	50.0	50.5	51.2	51.8	51.8	52.1	52.2	52.2	52.2	52.2	52.2	52.3
≥ 18000	23.2	44.4	47.0	49.0	50.6	51.1	51.8	52.4	52.4	52.7	52.8	52.8	52.8	52.8	52.8	53.0
≥ 16000	23.2	44.6	47.2	49.2	50.8	51.3	52.0	52.6	52.6	52.9	53.0	53.0	53.0	53.0	53.0	53.2
≥ 14000	23.4	45.7	48.5	50.7	52.3	52.8	53.6	54.2	54.2	54.5	54.6	54.6	54.6	54.6	54.6	54.8
≥ 12000	24.5	48.0	51.1	53.5	55.1	55.6	56.5	57.1	57.1	57.4	57.5	57.5	57.5	57.5	57.6	57.7
≥ 10000	25.4	51.0	54.3	57.0	58.9	59.4	60.4	61.1	61.1	61.4	61.5	61.5	61.5	61.5	61.5	61.7
≥ 9000	25.9	52.6	56.0	58.8	60.8	61.4	62.5	63.2	63.2	63.6	63.6	63.6	63.6	63.6	63.7	63.8
≥ 8000	26.4	54.6	58.4	61.4	63.8	64.4	65.6	66.3	66.4	66.7	66.8	66.8	66.8	66.8	66.8	67.1
≥ 7000	26.8	56.2	60.1	63.2	65.9	66.6	67.9	68.6	68.7	69.0	69.1	69.1	69.2	69.2	69.2	69.5
≥ 6000	27.2	57.4	61.4	64.6	67.4	68.1	69.5	70.4	70.4	70.8	70.8	70.8	70.9	70.9	70.9	71.2
≥ 5000	27.6	58.8	63.2	66.7	69.7	70.4	71.8	72.7	72.8	73.2	73.2	73.2	73.3	73.3	73.3	73.6
≥ 4500	27.8	59.4	64.0	67.6	70.6	71.5	72.9	73.9	74.0	74.4	74.5	74.5	74.5	74.6	74.6	74.8
≥ 4000	28.2	61.0	66.0	69.8	73.0	74.0	75.6	76.6	76.7	77.2	77.2	77.2	77.3	77.3	77.3	77.6
≥ 3500	28.8	62.2	67.4	71.3	74.7	75.8	77.5	78.6	78.8	79.3	79.4	79.5	79.5	79.6	79.6	79.8
≥ 3000	29.0	63.0	68.4	72.5	76.1	77.3	79.0	80.3	80.5	81.1	81.3	81.4	81.4	81.4	81.4	81.7
≥ 2500	29.0	63.4	69.1	73.4	77.2	78.3	80.2	81.6	81.8	82.4	82.6	82.6	82.7	82.7	82.7	83.0
≥ 2000	29.2	63.9	69.6	74.1	78.0	79.2	81.3	82.7	82.9	83.6	83.9	83.9	84.0	84.0	84.0	84.3
≥ 1800	29.2	64.0	69.7	74.2	78.1	79.5	81.6	83.0	83.2	83.9	84.2	84.2	84.2	84.3	84.3	84.6
≥ 1500	29.4	64.4	70.2	74.9	78.9	80.2	82.6	84.0	84.2	85.0	85.3	85.4	85.4	85.4	85.5	85.8
≥ 1200	29.4	65.0	70.8	75.6	79.8	81.1	83.5	85.1	85.3	86.2	86.5	86.6	86.6	86.6	86.7	87.0
≥ 1000	29.4	65.2	71.2	76.1	80.5	82.0	84.4	86.2	86.4	87.4	87.9	88.0	88.0	88.0	88.1	88.4
≥ 900	29.4	65.4	71.4	76.4	80.8	82.4	84.9	86.8	87.0	88.1	88.6	88.7	88.8	88.8	88.9	89.7
≥ 800	29.4	65.4	71.4	76.5	81.0	82.6	85.2	87.1	87.4	88.5	89.0	89.1	89.2	89.3	89.4	89.6
≥ 700	29.4	65.7	71.8	76.9	81.6	83.3	86.0	87.8	88.1	89.4	89.9	90.0	90.2	90.3	90.4	90.7
≥ 600	29.4	65.9	72.2	77.6	82.4	84.2	87.0	89.1	89.3	90.8	91.4	91.5	91.8	91.8	92.0	92.3
≥ 500	29.4	66.1	72.6	78.2	83.1	84.9	88.1	90.3	90.5	92.1	92.7	92.9	93.3	93.4	93.6	93.8
≥ 400	29.4	66.2	72.7	78.4	83.3	85.2	88.5	91.0	91.3	93.0	93.7	93.9	94.4	94.5	94.8	95.1
≥ 300	29.4	66.2	72.8	78.6	83.6	85.6	89.1	91.7	92.2	94.0	94.8	95.0	95.6	95.8	96.1	96.6
≥ 200	29.4	66.2	72.8	78.6	83.6	85.6	89.1	91.9	92.6	94.5	95.5	95.8	96.6	97.1	97.5	98.1
≥ 100	29.4	66.2	72.8	78.6	83.6	85.6	89.1	92.0	92.7	94.9	96.0	96.3	97.3	97.9	98.4	99.2
≥ 0	29.4	66.2	72.8	78.6	83.6	85.6	89.1	92.0	92.7	94.9	96.0	96.3	97.3	97.9	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS

2500

USAF ETAC

FORM
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13767
STATION

DOVER AFB DELAWARE
STATION NAME

42-45, 50-72
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS LAST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING	23.7	39.3	40.9	41.9	42.8	43.0	43.3	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4
≥ 20000	26.9	45.6	47.9	49.0	50.3	50.5	51.0	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
≥ 18000	27.0	45.9	48.1	49.3	50.6	50.8	51.3	51.3	51.3	51.4	51.4	51.4	51.4	51.4	51.4	51.4
≥ 16000	27.1	46.1	48.4	49.6	50.9	51.1	51.6	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
≥ 14000	27.4	47.8	50.2	51.3	52.7	52.9	53.3	53.4	53.4	53.5	53.5	53.5	53.5	53.5	53.5	53.5
≥ 12000	28.4	50.1	52.6	53.9	55.3	55.5	55.9	56.0	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 10000	29.7	53.4	56.1	57.7	59.2	59.5	60.0	60.1	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 9000	30.3	54.8	57.6	59.2	60.8	61.1	61.6	61.8	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 8000	30.8	57.0	60.1	62.1	63.8	64.1	64.7	65.0	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.2
≥ 7000	31.1	58.3	61.6	63.7	65.7	66.0	66.9	67.4	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.6
≥ 6000	31.3	58.9	62.5	64.7	66.8	67.1	68.1	68.5	68.5	68.6	68.6	68.6	68.6	68.6	68.7	68.7
≥ 5000	31.6	60.6	64.6	66.9	69.3	69.7	70.7	71.1	71.1	71.2	71.3	71.3	71.3	71.3	71.3	71.4
≥ 4500	32.0	62.1	66.1	68.7	71.2	71.6	72.6	73.1	73.1	73.1	73.2	73.2	73.2	73.3	73.3	73.3
≥ 4000	32.9	64.5	68.9	71.6	74.3	74.8	75.8	76.4	76.4	76.5	76.5	76.6	76.6	76.6	76.6	76.6
≥ 3500	33.7	66.0	70.8	73.0	76.7	77.2	78.3	78.9	78.9	79.0	79.0	79.0	79.0	79.1	79.1	79.1
≥ 3000	34.2	67.4	72.5	75.6	78.6	79.2	80.2	80.8	80.9	81.0	81.1	81.2	81.2	81.2	81.2	81.3
≥ 2500	34.3	68.4	73.6	76.8	79.8	80.4	81.6	82.2	82.3	82.4	82.5	82.6	82.6	82.6	82.6	82.7
≥ 2000	34.5	69.5	74.8	78.2	81.5	82.2	83.6	84.2	84.4	84.5	84.6	84.7	84.7	84.8	84.8	84.8
≥ 1800	34.6	69.7	75.0	78.4	81.7	82.5	83.9	84.6	84.7	84.8	84.9	85.0	85.0	85.1	85.1	85.1
≥ 1500	34.7	70.1	75.5	79.1	82.4	83.3	84.7	85.5	85.7	85.9	86.0	86.1	86.1	86.2	86.2	86.2
≥ 1200	34.7	70.8	76.5	80.2	83.6	84.6	86.1	87.1	87.3	87.6	87.7	87.8	87.8	87.9	87.9	87.9
≥ 1000	34.7	71.2	77.1	80.9	84.6	85.8	87.3	88.4	88.8	89.1	89.2	89.3	89.4	89.5	89.5	89.6
≥ 900	34.7	71.4	77.4	81.4	85.1	86.4	88.0	89.0	89.4	89.8	90.0	90.1	90.2	90.3	90.3	90.4
≥ 800	34.7	71.4	77.5	81.5	85.4	86.8	88.6	89.9	90.2	90.8	91.0	91.2	91.3	91.4	91.4	91.5
≥ 700	34.7	71.6	77.7	81.9	86.1	87.6	89.6	91.0	91.4	92.0	92.2	92.4	92.5	92.6	92.6	92.7
≥ 600	34.7	71.7	77.9	82.4	86.8	88.3	90.4	91.9	92.3	93.0	93.3	93.4	93.6	93.7	93.8	93.8
≥ 500	34.7	71.9	78.1	82.8	87.5	89.1	91.4	93.1	93.6	94.6	95.0	95.1	95.4	95.4	95.5	95.6
≥ 400	34.7	71.9	78.1	82.9	87.6	89.3	91.6	93.4	93.9	95.0	95.6	95.8	96.0	96.1	96.2	96.2
≥ 300	34.7	71.9	78.2	83.0	87.7	89.4	91.8	93.8	94.4	95.6	96.3	96.5	97.1	97.2	97.4	97.4
≥ 200	34.7	71.9	78.2	83.0	87.7	89.4	91.8	93.8	94.7	96.1	97.0	97.3	98.0	98.3	98.5	98.7
≥ 100	34.7	71.9	78.2	83.0	87.7	89.4	91.8	93.8	94.7	96.2	97.3	97.6	98.5	98.8	99.1	99.4
≥ 0	34.7	71.9	78.2	83.0	87.7	89.4	91.8	93.8	94.7	96.2	97.3	97.6	98.7	99.0	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 2501

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13707
STATION

DUVER AFB DELAWARE
STATION NAME

42-45, 50-72
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FRC M HOURLY OBSERVATIONS)

1500-1700
HOURS (EST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	25.1	41.8	43.7	44.7	45.7	45.9	46.1	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
≥ 20000	27.0	46.4	48.7	49.9	51.1	51.3	51.5	51.6	51.6	51.7	51.7	51.7	51.7	51.7	51.7	51.7
IV 18000	27.1	46.5	48.9	50.1	51.3	51.5	51.7	51.8	51.8	51.9	51.9	51.9	51.9	51.9	51.9	51.9
IV 16000	27.2	46.9	49.3	50.5	51.7	51.9	52.2	52.3	52.3	52.3	52.3	52.3	52.4	52.4	52.4	52.4
IV 14000	27.7	48.0	50.6	52.0	53.5	53.8	54.1	54.2	54.2	54.3	54.3	54.3	54.4	54.4	54.4	54.4
IV 12000	28.6	50.0	53.0	54.7	56.2	56.6	56.9	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1
IV 10000	29.9	53.3	56.5	58.5	60.2	60.6	61.0	61.1	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2
IV 9000	30.3	54.5	58.0	60.0	61.8	62.2	62.5	62.6	62.6	62.8	62.8	62.8	62.8	62.8	62.8	62.8
IV 8000	30.8	55.8	59.5	61.7	63.5	64.0	64.4	64.6	64.6	64.7	64.7	64.7	64.8	64.8	64.8	64.8
IV 7000	31.2	56.2	62.2	64.8	66.7	67.2	67.7	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1
IV 6000	31.6	59.5	63.6	66.3	68.5	69.0	69.6	69.8	69.8	70.0	70.0	70.0	70.0	70.0	70.0	70.0
IV 5000	32.1	61.3	65.8	68.5	70.8	71.4	72.1	72.4	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6
IV 4500	32.3	61.8	66.4	69.4	72.0	72.5	73.2	73.6	73.6	73.7	73.7	73.7	73.8	73.8	73.8	73.8
IV 4000	32.7	64.0	69.0	72.2	74.8	75.3	76.1	76.5	76.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7
IV 3500	33.4	65.8	71.1	74.4	77.1	77.7	78.6	78.9	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2
IV 3000	33.8	67.0	72.6	76.2	78.9	79.5	80.4	80.8	81.0	81.1	81.1	81.1	81.2	81.2	81.2	81.2
IV 2500	33.9	67.9	73.6	77.4	80.2	81.0	82.0	82.4	82.6	82.7	82.7	82.7	82.8	82.8	82.8	82.8
IV 2000	34.1	68.6	74.7	78.6	81.7	82.6	83.9	84.4	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8
IV 1800	34.1	68.8	75.0	79.0	82.2	83.1	84.5	85.0	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4
IV 1500	34.2	69.3	75.7	79.8	83.3	84.2	85.8	86.4	86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9
IV 1200	34.2	69.5	76.1	80.4	84.0	85.0	86.7	87.3	87.5	87.8	87.8	87.8	87.9	87.9	87.9	87.9
IV 1000	34.2	69.9	76.7	81.2	85.1	86.1	87.9	88.7	89.0	89.3	89.3	89.5	89.5	89.5	89.5	89.5
IV 900	34.2	69.9	76.9	81.4	85.3	86.4	88.3	89.2	89.5	89.9	89.9	90.1	90.2	90.2	90.2	90.2
IV 800	34.2	70.0	77.1	81.7	85.7	86.9	88.9	89.9	90.3	90.8	90.9	91.1	91.2	91.2	91.2	91.2
IV 700	34.2	70.2	77.3	81.9	85.9	87.3	89.4	90.5	90.9	91.5	91.7	91.9	92.1	92.1	92.1	92.1
IV 600	34.2	70.3	77.5	82.3	86.3	87.7	90.1	91.3	91.7	92.3	92.6	92.8	93.0	93.0	93.0	93.0
IV 500	34.2	70.5	77.8	82.7	87.0	88.5	91.0	92.4	92.7	93.5	93.9	94.1	94.4	94.4	94.4	94.5
IV 400	34.2	70.5	77.9	83.1	87.4	89.0	91.8	93.2	93.6	94.4	95.0	95.2	95.6	95.6	95.7	95.8
IV 300	34.2	70.5	78.0	83.2	87.5	89.2	92.2	93.9	94.4	95.5	96.2	96.6	97.0	97.0	97.4	97.5
IV 200	34.2	70.5	78.0	83.2	87.5	89.2	92.2	93.9	94.4	95.7	96.6	96.9	97.7	97.7	98.2	98.4
IV 100	34.2	70.5	78.0	83.2	87.5	89.2	92.2	93.9	94.4	95.7	96.6	96.9	97.9	98.0	98.8	99.2
IV 0	34.2	70.5	78.0	83.2	87.5	89.2	92.2	93.9	94.4	95.7	96.6	96.9	98.1	98.2	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS

2503

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13707 DOVER AFB DELAWARE
STATION STATION NAME

42-45, 50-72
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS - LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥9	≥8	≥7	≥6	≥5	≥4	≥3	≥2	≥1	≥1/2	≥1/4	≥1/8	≥1/16	≥1/32	≥0
NO CEILING	23.5	44.4	46.5	47.8	50.0	50.3	50.8	50.9	50.9	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 20000	24.8	47.6	49.9	51.4	53.8	54.1	54.8	54.9	55.0	55.0	55.0	55.0	55.0	55.1	55.1	55.1
≥ 18000	24.8	47.7	50.0	51.6	53.9	54.3	54.9	55.0	55.1	55.1	55.2	55.2	55.2	55.2	55.2	55.2
≥ 16000	24.9	48.1	50.4	52.0	54.4	54.7	55.3	55.5	55.5	55.7	55.7	55.7	55.7	55.8	55.8	55.8
≥ 14000	25.1	49.1	51.5	53.3	55.7	56.0	56.6	56.8	56.8	57.0	57.1	57.1	57.1	57.1	57.1	57.2
≥ 12000	25.9	50.8	53.5	55.3	57.9	58.3	58.9	59.1	59.1	59.3	59.3	59.3	59.3	59.4	59.4	59.4
≥ 10000	26.9	53.5	56.4	58.6	61.3	61.6	62.3	62.5	62.5	62.7	62.8	62.8	62.8	62.8	62.8	62.8
≥ 9000	27.6	55.7	58.2	60.4	63.1	63.5	64.1	64.3	64.4	64.6	64.6	64.6	64.6	64.7	64.7	64.7
≥ 8000	28.4	57.1	60.4	62.8	65.6	66.0	66.6	66.8	66.9	67.1	67.1	67.1	67.1	67.1	67.1	67.2
≥ 7000	28.7	58.5	62.2	64.7	67.7	68.2	68.9	69.1	69.2	69.4	69.5	69.5	69.5	69.5	69.5	69.6
≥ 6000	29.1	60.3	64.0	66.7	70.0	70.3	71.3	71.5	71.5	71.8	71.9	71.9	71.9	71.9	71.9	71.9
≥ 5000	29.3	62.3	66.3	69.4	72.9	73.3	74.4	74.7	74.7	75.0	75.1	75.1	75.2	75.2	75.2	75.3
≥ 4500	29.3	63.0	67.1	70.2	73.8	74.3	75.3	75.7	75.8	76.0	76.2	76.2	76.2	76.2	76.2	76.3
≥ 4000	29.6	64.9	69.2	72.5	76.2	76.8	78.1	78.4	78.5	78.8	78.9	78.9	79.0	79.0	79.0	79.1
≥ 3500	29.8	66.1	70.5	74.2	77.9	78.5	79.9	80.2	80.3	80.6	80.7	80.7	80.8	80.8	80.8	80.9
≥ 3000	29.9	66.9	71.7	75.4	79.5	80.1	81.6	82.0	82.0	82.4	82.5	82.5	82.6	82.6	82.6	82.6
≥ 2500	30.0	67.4	72.3	76.2	80.4	81.0	82.5	83.0	83.1	83.4	83.5	83.5	83.6	83.6	83.6	83.7
≥ 2000	30.1	68.0	73.1	77.5	81.9	82.5	84.1	84.3	84.7	85.0	85.1	85.1	85.2	85.2	85.2	85.3
≥ 1800	30.1	68.1	73.1	77.6	82.1	82.7	84.3	84.8	84.9	85.3	85.4	85.4	85.5	85.5	85.5	85.6
≥ 1500	30.1	68.4	73.6	78.2	83.0	83.8	85.5	86.2	86.3	86.8	86.9	86.9	87.0	87.0	87.0	87.1
≥ 1200	30.2	68.9	74.3	79.1	84.1	84.9	86.7	87.4	87.6	88.1	88.2	88.2	88.3	88.3	88.3	88.4
≥ 1000	30.2	69.1	74.5	79.6	85.0	85.8	87.7	88.6	88.8	89.5	89.6	89.6	89.7	89.7	89.7	89.7
≥ 900	30.2	69.3	74.7	79.9	85.2	86.1	88.0	89.1	89.3	89.9	90.1	90.1	90.2	90.2	90.2	90.3
≥ 800	30.2	69.3	74.8	80.1	85.6	86.5	88.4	89.6	89.9	90.6	90.9	90.9	90.9	90.9	90.9	91.0
≥ 700	30.2	69.4	74.9	80.2	85.8	86.8	88.7	90.0	90.3	91.1	91.3	91.3	91.4	91.4	91.4	91.5
≥ 600	30.2	69.4	75.2	80.7	86.4	87.4	89.4	90.7	91.0	91.9	92.2	92.3	92.4	92.4	92.4	92.4
≥ 500	30.2	69.5	75.3	80.9	87.0	88.3	90.6	91.9	92.2	93.4	93.6	93.7	93.8	93.8	93.9	94.0
≥ 400	30.2	69.5	75.4	81.2	87.4	88.7	91.3	92.8	93.1	94.3	94.6	94.7	94.9	94.9	95.0	95.0
≥ 300	30.2	69.6	75.5	81.3	87.7	89.1	91.9	93.6	94.1	95.5	95.9	96.1	96.3	96.4	96.5	96.6
≥ 200	30.2	69.6	75.5	81.3	87.7	89.3	92.4	94.3	94.9	95.5	97.0	97.3	97.7	97.7	97.9	98.1
≥ 100	30.2	69.6	75.5	81.3	87.7	89.3	92.4	94.4	94.9	96.6	97.3	97.6	98.1	98.2	98.6	99.2
≥ 0	30.2	69.6	75.5	81.3	87.7	89.3	92.4	94.4	94.9	96.6	97.3	97.7	98.1	98.3	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 2484

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13707
STATION

DOVER AFB DELAWARE
STATION NAME

42-45,50-72
RANGE

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/5	≥1/10	≥0
NO CEILING	22.8	45.4	47.0	48.1	50.8	51.1	51.6	51.9	51.9	52.1	52.1	52.1	52.2	52.2	52.3	52.6
≥ 20000	24.1	47.9	50.1	51.4	54.1	54.5	55.0	55.2	55.3	55.5	55.5	55.5	55.6	55.6	55.7	56.1
≥ 18000	24.2	48.3	50.4	51.8	54.5	54.8	55.4	55.6	55.7	55.9	55.9	55.9	56.0	56.0	56.1	56.5
≥ 16000	24.2	48.4	50.6	52.0	54.7	55.0	55.6	55.8	55.9	56.1	56.1	56.2	56.3	56.3	56.4	56.7
≥ 14000	24.4	49.4	51.6	53.0	55.8	56.1	56.7	56.9	57.0	57.3	57.3	57.3	57.4	57.4	57.5	57.9
≥ 12000	24.8	50.6	53.1	54.6	57.4	57.8	58.4	58.6	58.7	58.9	58.9	59.0	59.1	59.1	59.2	59.5
≥ 10000	25.7	52.6	55.2	56.8	59.7	60.0	60.6	60.9	61.0	61.2	61.2	61.2	61.3	61.3	61.4	61.8
≥ 9000	26.1	53.6	56.4	58.1	61.0	61.4	62.0	62.2	62.3	62.6	62.6	62.7	62.8	62.8	62.9	63.2
≥ 8000	27.2	56.3	59.1	61.0	64.2	64.5	65.1	65.4	65.5	65.7	65.8	65.8	65.9	65.9	66.0	66.4
≥ 7000	27.9	58.0	61.3	63.5	67.1	67.5	68.1	68.4	68.5	68.8	68.8	68.9	69.0	69.0	69.1	69.6
≥ 6000	28.2	59.1	62.6	64.8	68.6	69.2	69.8	70.0	70.2	70.4	70.5	70.6	70.6	70.6	70.8	71.3
≥ 5000	28.7	61.4	65.0	67.6	71.9	72.5	73.3	73.6	73.7	74.0	74.1	74.2	74.3	74.3	74.4	74.9
≥ 4500	28.7	61.9	65.5	68.3	72.7	73.3	74.2	74.6	74.7	75.0	75.2	75.2	75.3	75.3	75.4	75.9
≥ 4000	29.2	64.3	68.2	70.9	75.4	76.0	77.1	77.4	77.6	77.9	78.0	78.0	78.1	78.1	78.3	78.7
≥ 3500	29.4	64.9	69.0	72.0	76.7	77.2	78.3	78.7	78.9	79.2	79.3	79.3	79.4	79.4	79.6	80.0
≥ 3000	29.6	66.3	70.5	73.6	78.5	79.1	80.3	80.8	81.0	81.3	81.4	81.5	81.6	81.6	81.7	82.2
≥ 2500	29.7	66.9	71.2	74.6	79.6	80.2	81.5	82.1	82.3	82.6	82.7	82.8	82.9	82.9	83.0	83.5
≥ 2000	29.8	67.7	72.2	76.1	81.3	81.9	83.6	84.2	84.5	84.8	84.9	85.0	85.1	85.1	85.2	85.7
≥ 1800	29.8	67.8	72.3	76.2	81.5	82.1	83.8	84.4	84.7	85.0	85.1	85.2	85.3	85.3	85.4	85.9
≥ 1500	29.8	68.2	72.7	76.8	82.4	83.1	84.8	85.6	85.8	86.2	86.3	86.4	86.5	86.5	86.7	87.1
≥ 1200	29.8	68.6	73.4	77.4	83.1	83.8	85.5	86.2	86.5	86.9	87.0	87.1	87.2	87.2	87.3	87.8
≥ 1000	29.8	68.8	73.7	77.9	84.0	84.6	86.5	87.3	87.7	88.1	88.2	88.3	88.4	88.4	88.5	89.0
≥ 900	29.8	68.9	73.9	78.1	84.2	84.9	85.8	87.7	88.0	88.5	88.7	88.7	88.8	88.8	89.0	89.4
≥ 800	29.8	69.1	74.1	78.5	84.6	85.4	87.4	88.5	88.9	89.4	89.5	89.6	89.7	89.7	89.9	90.2
≥ 700	29.8	69.2	74.4	79.0	85.2	86.0	88.0	89.1	89.5	90.0	90.1	90.2	90.3	90.4	90.6	91.0
≥ 600	29.8	69.2	74.5	79.2	85.6	86.8	89.0	90.3	90.8	91.4	91.5	91.6	91.7	91.8	91.9	92.4
≥ 500	29.8	69.4	74.7	79.5	86.3	87.6	90.0	91.6	92.1	92.8	92.9	93.0	93.1	93.2	93.4	93.8
≥ 400	29.8	69.4	74.9	79.9	86.8	88.1	90.8	92.6	93.2	94.0	94.1	94.3	94.4	94.5	94.7	95.1
≥ 300	29.8	69.5	74.9	80.0	87.0	88.4	91.2	93.2	93.8	94.6	94.9	95.2	95.3	95.4	95.6	96.1
≥ 200	29.8	69.5	74.9	80.1	87.2	88.7	91.7	94.0	94.7	95.7	96.1	96.5	96.7	96.7	96.9	97.5
≥ 100	29.8	69.5	74.9	80.1	87.2	88.7	91.7	94.3	95.0	96.1	96.6	96.9	97.3	97.5	98.0	98.7
≥ 0	29.8	69.5	74.9	80.1	87.2	88.7	91.7	94.3	95.0	96.1	96.6	96.9	97.3	97.5	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS

2407

SKY COVER SUMMARY

Due to the reporting of total cloud amount in GNC tapes for airways hourly observations Jan 71 and later, clear, scattered, broken, overcast, partial and obscured are converted to 0, 3, 9, 10, 9 and 10 tenths. The sky cover summary for this station is limited to the period of record through Dec 70.

PART D

SKY COVER

This summary is prepared from hourly observations and is a percentage frequency distribution of total sky cover by tenths, plus mean sky cover, and total number of observations. It is presented in two tables as follows:

1. By month and annual - all hours and all years combined.
2. By month - by standard 3-hour groups.

NOTE: # 1: Sky cover (total cloud amount) was not reported by U. S. Services until mid 1945. Data, when available, were punched for Air Force stations beginning in 1946, but were not available for Nav. stations until 1948 or 1949. Weather Bureau stations recorded total cloud amount in remarks beginning sometime in 1945, but few stations have punched data prior to 1948. This summary will, of course, be limited to period of available data.

NOTE: # 2: Some sources of punched data used for this summary report cloud amounts in oktas. These have been converted to tenths prior to summarizing, and notation is made on the form to indicate that data were originally reported in oktas. The manner of conversion is given below:

<u>OKTAS</u>	<u>TENTHS</u>
0	0
1	1
2	3
3	4
4	5
5	6
6	8
7	9
8 (or obscured)	10

3
DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

13707
STATION

DUVER AFB DELAWARE
STATION NAME

46, 50-70
PERIOD

ALL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JAN	ALL	25.2	4.3	4.6	3.8	2.9	2.1	3.0	3.8	5.7	3.7	40.8	5.8	15614
FEB		24.3	4.8	4.9	4.0	3.2	2.4	3.2	4.1	5.0	3.2	40.8	5.8	14226
MAR		24.6	4.2	4.9	4.1	3.1	2.4	3.3	4.0	5.6	3.8	40.1	5.8	15612
APR		20.5	4.5	5.0	4.5	4.2	3.0	3.7	4.7	6.8	5.9	39.1	6.0	15114
MAY		17.9	5.4	5.6	5.0	4.4	3.1	3.7	5.8	7.6	4.8	36.6	6.0	15615
JUN		17.9	5.6	6.4	5.9	5.4	4.3	5.1	7.1	8.7	5.1	28.4	5.6	15113
JUL		16.4	5.4	6.8	6.7	5.7	4.9	4.7	7.3	9.1	5.3	27.8	5.7	15615
AUG		18.7	5.5	7.3	6.6	6.2	4.7	4.6	6.0	9.0	5.3	26.1	5.4	15619
SEP		26.4	5.9	6.4	5.9	4.7	3.8	4.2	5.4	6.2	4.3	26.7	4.9	15618
OCT		32.4	5.8	5.4	4.9	3.8	2.9	3.3	4.4	5.7	3.9	27.7	4.7	15617
NOV		26.0	5.3	5.2	4.5	3.7	3.1	3.2	4.6	6.2	4.4	34.0	5.4	15098
DEC		25.4	4.3	5.2	4.5	3.4	2.4	3.1	4.0	5.5	3.4	39.0	5.7	15620
TOTALS		23.0	5.1	5.6	5.0	4.2	3.3	3.8	5.1	6.8	4.3	33.9	5.6	184481

SKY COVER

13707
STATION

46,51-70

JAN
MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JAN	00-02	35.0	3.1	3.0	2.7	2.2	1.5	2.6	2.8	4.7	2.1	40.5	5.3	1950
	03-05	35.0	3.0	3.5	3.6	2.3	1.0	2.6	2.9	4.3	1.5	40.4	5.2	1952
	06-08	23.6	6.3	5.5	3.6	3.0	1.8	3.2	3.6	5.6	3.5	40.3	5.7	1952
	09-11	18.2	5.4	4.9	4.3	2.8	2.5	3.3	4.5	7.2	4.9	42.0	6.2	1952
	12-14	15.3	5.3	5.6	4.3	3.8	2.8	3.3	4.9	7.8	5.9	41.0	6.4	1952
	15-17	14.9	5.7	6.2	4.5	3.4	2.5	3.3	4.6	7.7	6.5	40.7	6.4	1952
	18-20	27.3	4.0	4.4	3.9	3.3	2.3	3.1	3.9	4.0	2.6	41.1	5.6	1953
	21-23	32.5	1.9	3.7	3.8	2.7	2.6	2.2	3.5	4.3	2.6	40.2	5.4	1951
TOTALS		25.2	4.3	4.6	3.8	2.9	2.1	3.0	3.8	5.7	3.7	40.8	5.8	15614

SKY COVER

FEB
MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
FEB	00-02	36.5	2.8	3.8	3.0	1.7	1.5	2.4	3.1	2.9	1.2	41.1	5.1	1778
	03-05	34.3	2.5	3.7	3.9	2.2	1.4	2.9	3.1	3.7	1.6	40.2	5.3	1778
	06-08	20.6	6.7	5.1	4.2	3.4	2.5	2.8	4.1	5.6	4.0	41.1	5.9	1779
	09-11	16.7	6.1	6.0	3.7	3.4	2.5	3.3	5.5	6.6	4.0	42.2	6.2	1778
	12-14	13.2	6.6	4.3	4.8	5.2	3.4	3.7	5.9	6.6	4.5	41.9	6.4	1777
	15-17	15.2	5.3	5.6	4.9	3.7	2.8	4.7	4.7	7.3	4.7	41.1	6.3	1779
	18-20	23.5	6.1	6.1	4.0	3.5	3.0	3.6	3.5	4.7	2.9	39.0	5.6	1778
	21-23	34.0	3.3	4.4	3.3	2.7	1.6	2.4	3.2	2.9	2.7	39.5	5.2	1779
TOTALS		24.3	4.9	4.9	4.0	3.2	2.4	3.2	4.1	5.0	3.2	40.8	5.0	14226

SKY COVER

MAR

MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
MAR	00-02	36.9	3.4	3.7	2.9	1.5	1.7	2.6	2.8	2.5	1.5	40.5	5.1	1950
	03-05	34.7	3.0	5.0	3.2	3.1	1.7	2.4	1.9	3.9	1.4	39.6	5.1	1953
	06-08	21.1	5.3	4.8	5.0	2.8	1.7	3.9	4.5	6.9	4.2	39.6	5.9	1950
	09-11	18.4	4.3	5.3	4.1	3.9	3.0	3.0	5.0	7.3	4.4	41.1	6.2	1953
	12-14	13.9	3.5	5.0	5.9	3.7	2.9	3.7	5.9	8.2	6.7	40.6	6.6	1952
	15-17	13.5	5.5	4.9	3.3	3.6	3.2	4.8	5.1	7.7	6.3	42.1	6.6	1953
	18-20	21.7	6.3	6.0	4.8	3.5	3.3	3.3	3.8	5.2	3.6	38.5	5.7	1952
	21-23	36.2	2.4	4.8	3.2	2.8	1.3	2.6	3.2	3.0	1.9	38.6	5.0	1949
TOTALS		24.6	4.2	4.9	4.1	3.1	2.4	3.3	4.0	5.6	3.8	40.1	5.8	15612

SKY COVER

APR
MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
APR	00-02	32.7	3.5	4.9	4.4	3.3	2.4	3.0	2.5	5.1	1.5	36.6	5.1	1888
	03-05	29.5	3.7	5.3	3.4	3.9	2.1	3.2	3.0	5.2	1.9	38.9	5.4	1890
	06-08	18.5	5.0	5.0	4.3	4.0	2.8	3.5	4.8	6.4	4.8	40.9	6.2	1889
	09-11	16.2	4.2	5.2	4.3	4.0	3.3	3.8	5.8	7.4	5.0	40.8	6.4	1890
	12-14	11.3	4.9	5.1	3.8	4.1	4.7	4.6	6.8	8.7	5.1	40.9	6.7	1889
	15-17	10.7	5.8	4.5	4.9	5.2	3.4	4.4	6.0	9.3	5.7	40.0	6.6	1889
	18-20	14.9	5.5	5.4	6.0	5.0	3.2	4.3	4.7	8.0	5.2	37.8	6.2	1889
	21-23	30.4	3.6	4.4	4.7	4.2	2.3	3.1	3.7	4.6	2.2	36.7	5.2	1890
TOTALS		20.5	4.5	5.0	4.5	4.2	3.0	3.7	4.7	6.8	3.9	39.1	6.0	15114

SKY COVER

MAY
MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
MAY	00-02	32.4	3.6	5.9	4.0	3.8	1.7	2.7	3.3	4.9	2.1	35.3	5.0	1952
	03-05	22.6	6.5	6.1	4.7	3.9	2.7	3.7	4.9	5.8	3.2	34.0	5.5	1953
	06-08	16.5	6.1	4.2	4.8	3.4	2.2	3.4	5.5	7.5	4.9	41.5	6.3	1952
	09-11	12.7	6.4	4.9	4.9	4.8	3.3	3.6	7.1	9.0	5.5	37.7	6.4	1951
	12-14	9.9	5.1	5.5	4.9	6.2	4.6	5.1	7.8	9.7	7.3	33.9	6.3	1951
	15-17	10.7	5.6	5.6	5.5	4.3	4.1	4.8	7.2	9.9	6.2	36.1	6.5	1952
	18-20	11.5	5.9	6.3	5.3	4.5	3.6	4.0	6.3	8.9	6.0	37.4	6.4	1952
	21-23	26.7	4.1	5.9	6.1	4.5	2.8	2.5	4.2	5.2	3.3	34.6	5.3	1952
TOTALS		17.9	5.4	5.6	5.0	4.4	3.1	3.7	5.8	7.6	4.8	36.6	6.0	15615

USAFETAC FORM 0-9-5 (OLI) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

13707 DOVER AFB DELAWARE

46,51-70

JUN

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JUN	00-02	35.3	4.6	6.1	5.3	3.9	2.9	4.6	4.3	4.8	3.2	24.8	4.4	1889
	03-05	22.2	6.4	7.1	6.2	5.9	4.4	3.7	6.4	6.1	3.2	28.3	5.1	1889
	06-08	17.6	6.0	6.1	5.4	3.6	3.3	5.2	5.7	8.1	5.9	33.0	5.8	1890
	09-11	15.1	5.1	5.6	5.5	5.5	5.1	5.0	7.3	9.7	5.9	30.3	5.9	1889
	12-14	8.8	4.6	5.3	6.6	5.5	6.7	5.9	9.2	13.1	7.5	26.8	6.3	1888
	15-17	7.7	5.0	5.9	7.4	6.8	6.1	7.1	9.8	10.8	6.6	26.8	6.2	1890
	18-20	10.3	6.9	6.9	5.2	6.2	3.9	5.0	8.0	10.7	5.3	31.6	6.2	1889
	21-23	26.2	5.7	8.4	5.7	5.4	3.4	4.1	6.4	6.1	2.8	25.8	4.8	1889
TOTALS		17.9	5.6	6.4	5.9	5.4	4.5	5.1	7.1	8.7	5.1	28.4	5.6	15113

SKY COVER

JUL
MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JUL	00-02	32.6	4.5	6.7	6.2	4.6	3.9	4.3	5.6	5.7	2.6	23.2	4.4	1951
	03-05	21.2	5.7	7.2	6.6	5.9	4.1	4.9	5.6	6.8	3.4	28.6	5.2	1953
	06-08	14.4	5.3	6.7	5.4	4.7	3.2	3.9	6.7	10.1	7.6	32.1	6.1	1952
	09-11	11.7	6.0	6.3	6.3	5.7	5.1	4.1	8.3	9.8	5.8	30.9	6.1	1950
	12-14	6.3	4.4	5.3	8.0	7.7	7.2	5.5	8.2	12.2	7.2	27.8	6.4	1953
	15-17	7.7	5.8	6.2	7.0	6.8	7.2	5.1	9.7	10.8	6.8	26.8	6.2	1953
	18-20	11.3	6.8	7.6	6.2	5.4	4.6	4.5	8.1	10.9	6.2	28.5	6.0	1953
	21-23	26.1	4.3	8.1	7.7	4.9	3.8	5.2	6.1	6.6	2.6	24.3	4.8	1950
TOTALS		16.4	5.4	6.8	6.7	5.7	4.9	4.7	7.3	9.1	5.3	27.8	5.7	15615

SKY COVER

AUG
MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
AUG	00-02	35.7	3.5	6.4	5.4	4.9	3.3	3.5	4.1	6.2	2.8	24.1	4.3	1953
	03-05	26.4	6.1	7.0	4.9	5.0	4.0	3.8	5.7	7.5	3.5	26.1	4.9	1952
	06-08	14.8	7.6	7.4	5.9	5.0	3.4	3.9	5.6	9.7	7.1	29.5	5.8	1952
	09-11	13.7	6.3	7.5	5.9	6.3	3.7	5.5	6.6	9.7	7.9	26.9	5.8	1952
	12-14	6.2	4.4	6.0	7.7	7.8	8.1	6.3	7.8	12.5	6.9	26.2	6.3	1953
	15-17	7.2	6.3	8.3	8.8	8.4	6.4	4.2	7.5	10.6	7.0	25.1	5.9	1953
	18-20	13.8	6.9	8.2	7.6	6.0	4.5	5.5	6.9	9.6	5.2	25.7	5.5	1952
	21-23	31.6	3.1	7.6	6.6	6.1	4.0	3.6	4.1	5.8	2.3	25.2	4.5	1952
TOTALS		18.7	5.5	7.3	6.6	6.2	4.7	4.6	6.0	9.0	5.3	26.1	5.4	15619

SKY COVER

SEP
MON

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
SEP	00-02	42.4	3.5	4.6	4.0	3.6	2.5	2.7	3.3	4.5	2.1	26.9	4.1	1952
	03-05	38.5	4.5	4.6	4.5	4.0	3.2	3.2	3.1	4.5	2.4	27.7	4.3	1952
	06-08	20.6	8.4	6.6	6.2	3.7	3.0	4.0	6.2	6.2	6.1	28.0	5.3	1952
	09-11	19.7	7.2	7.2	6.0	5.1	3.9	4.1	7.0	6.9	5.0	27.9	5.3	1953
	12-14	12.7	7.0	6.3	6.7	7.5	5.7	5.9	7.1	8.2	5.8	27.1	5.7	1953
	15-17	14.8	6.1	7.9	7.5	5.8	5.4	5.0	6.9	7.4	7.1	25.9	5.6	1952
	18-20	23.5	6.4	8.6	7.1	4.5	4.0	4.1	5.1	7.3	3.8	25.4	4.9	1952
	21-23	38.8	4.4	5.4	5.3	3.3	2.7	4.4	4.7	4.8	2.3	24.0	4.2	1952
TOTALS		26.4	5.9	6.4	5.9	4.7	3.8	4.2	5.4	6.2	4.3	26.7	4.9	15618

SKY COVER

50-70

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
OCT	00-02	46.0	2.4	4.3	3.5	3.3	1.7	2.4	2.2	3.3	2.3	26.6	3.9	1953
	03-05	44.0	3.2	3.6	4.0	3.7	2.2	2.7	3.5	3.5	2.4	27.3	4.1	1953
	06-08	25.1	8.0	5.8	5.2	3.4	3.2	3.1	4.8	7.1	4.6	29.6	5.1	1952
	09-11	23.7	7.3	6.4	4.9	4.1	3.3	3.5	5.1	7.2	5.2	29.3	5.2	1953
	12-14	20.7	7.8	5.8	6.3	4.1	4.3	3.4	6.2	7.8	5.1	28.5	5.3	1951
	15-17	22.6	7.1	6.3	6.1	4.7	2.9	4.4	5.1	7.4	5.8	27.8	5.2	1952
	18-20	31.5	6.7	6.3	5.5	3.2	2.7	3.6	4.9	5.3	3.2	27.2	4.6	1952
	21-23	43.5	3.6	4.7	4.0	3.8	2.5	3.1	3.0	4.2	2.5	25.2	4.0	1951
TOTALS		32.4	5.8	5.4	4.9	3.8	2.9	3.3	4.4	5.7	3.9	27.7	4.7	15617

SKY COVER

NUV
MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
NDV	00-02	39.9	3.4	3.8	2.9	2.9	2.3	2.6	4.1	3.8	2.9	31.5	4.6	1887
	03-05	38.6	3.4	3.7	2.9	2.8	2.4	3.1	4.1	4.0	2.4	32.7	4.7	1887
	06-08	20.7	6.9	6.5	5.6	4.2	3.2	3.4	4.9	7.2	5.2	32.2	5.5	1887
	09-11	18.7	6.7	4.7	4.1	3.4	2.9	3.8	5.7	7.4	7.9	34.6	6.0	1887
	12-14	13.4	5.5	4.9	7.1	4.6	4.4	3.7	6.2	7.7	5.7	36.8	6.2	1886
	15-17	13.9	6.9	6.4	5.1	5.1	4.1	2.3	4.9	8.5	5.6	37.1	6.1	1887
	18-20	27.6	6.0	6.2	4.1	3.1	3.2	3.1	4.4	5.4	3.2	33.6	5.2	1888
	21-23	34.8	3.9	5.3	4.0	3.1	2.1	3.2	2.8	5.4	2.2	33.2	4.8	1889
TOTALS		26.0	5.3	5.2	4.5	3.7	3.1	3.2	4.6	6.2	4.4	34.0	5.4	15098

SKY COVER

DEC
MONIN

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											ME. TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
DEC	00-02	36.5	3.1	5.0	4.5	2.5	.9	2.6	2.8	3.7	1.8	36.7	4.9	1950
	3-05	34.8	2.3	5.5	3.7	2.8	2.2	2.6	3.6	4.0	2.0	36.5	5.0	1953
	06-08	21.4	4.7	5.8	4.7	3.5	2.7	2.9	4.4	7.4	4.0	38.6	5.9	1952
	09-11	12.6	5.3	4.5	4.0	3.5	2.8	3.4	4.2	7.4	5.0	41.3	6.2	1453
	12-14	14.9	5.1	4.8	5.4	3.9	3.6	4.5	5.0	7.0	4.6	41.1	6.4	1953
	15-17	15.1	6.6	6.0	5.5	3.8	2.7	3.3	4.8	6.8	4.8	40.6	6.2	1953
	18-20	27.6	4.2	5.2	4.9	3.9	2.0	2.7	3.5	4.1	2.8	38.7	5.4	1953
	21-23	33.9	2.8	4.4	3.2	2.9	1.9	2.9	3.6	3.4	2.2	38.8	5.2	1953
TOTALS		25.4	4.3	5.2	4.5	3.4	2.4	3.1	4.0	5.5	3.4	39.0	5.7	13620

USAFET/C FORM 0-9.5 (OLI) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART E

PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentations follows:

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:

- a. Daily maximum temperatures
- b. Daily minimum temperatures
- c. Daily mean temperatures

NOTE: Beginning in January 1964, daily maximum and minimum temperatures are routinely selected from hourly observations recorded on surface observing forms or from automated data collections for all Air Force operated stations. For those stations observing less than 24 hours per day, and where maximum and minimum temperatures are required but not recorded, these are also selected from hourly data from as early as January 1949 and later. Please refer to notations on summary pages and Station History for further information on reporting practices of individual stations.

2. Extreme values - derived from daily observations with the extreme value selected for each year and month of record available. An annual (ALL MONTHS) value is selected when all months for a year have valid extremes. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extremes are prepared:

- a. Extreme maximum temperature
- b. Extreme minimum temperature

NOTE: The following symbols are used in the extreme data blocks:

- (1) * indicates the extreme was selected from a month with one or more days missing.
- (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

Continued on Reverse

3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The following information is provided:

- a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may be continued on several pages.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

- b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares ($\sum X^2$), sums of values ($\sum X$), means (\bar{X}), and standard deviations (σ_x). The number of observations used in the computation for each element is also shown.
- c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.
5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.
 - a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
 - b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

DATA PROCESSING FRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC
13707 DOVER AFB DELAWARE
STATION STATION NAME

DAILY TEMPERATURES

42-46, 50-72

YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MAXIMUM

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
100						.1	.4	.1					.1
95					.2	3.1	4.3	1.7	.8				.8
90					1.9	14.9	22.9	14.4	6.9	.1			5.1
85			.2	1.8	8.2	37.8	49.4	38.5	18.6	1.7			13.1
80			1.0	6.4	19.7	58.3	79.9	69.7	37.3	5.5	.4		23.3
75		.1	3.6	14.2	37.7	75.4	96.4	94.0	61.3	16.0	2.2		33.6
70	.2	1.0	7.4	23.5	58.7	91.7	99.0	98.8	82.8	35.7	6.8	1.1	42.4
65	7.4	3.7	13.8	36.3	75.2	97.9	100.0	100.0	99.9	58.9	16.8	3.7	50.4
60	3.7	7.5	21.3	55.6	91.1	99.7			98.9	78.0	33.7	9.1	98.6
55	11.5	16.3	33.9	73.9	98.4	100.0			99.8	91.9	51.8	16.7	66.5
50	18.4	26.7	50.4	90.3	99.9				100.0	98.1	69.9	27.6	73.3
45	32.3	42.0	69.4	98.3	100.0					99.6	85.9	44.7	81.1
40	52.2	63.1	87.2	99.7						100.0	95.5	64.8	88.6
35	71.2	83.0	95.6	100.0							99.1	80.7	94.1
30	87.1	91.6	98.8								100.0	92.9	97.5
25	94.9	98.6	100.0									99.8	99.2
20	98.5	98.9										99.8	99.8
15	99.9	99.6										100.0	100.0
10	100.0	100.0											100.0
5													
0													
-5													
-10													
-15													
-20													
-25													
-30													
-35													
-40													
-45													
-50													
-55													
-60													
-65													
-70													
-75													
-80													
-85													
-90													
-95													
-100													
MEAN	40.6	42.5	51.1	62.1	71.9	80.5	84.6	82.8	76.9	66.3	55.0	44.0	63.3
S D	10.651	10.593	11.192	10.147	8.902	8.053	5.915	5.767	7.923	8.310	9.533	10.336	18.033
TOTAL OBS.	506	734	806	780	806	780	805	806	800	806	780	836	7545

STATION

DOVER AFB DELAWARE
STATION NAME

STATION NAME

42-46, 50-72

YEARS

MINIMUM

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

USAF ETAC FCPM 021-5 (OI 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC
 13707 DOWEL AFB DELAWARE
 STATION STATION NAME

DAILY TEMPERATURES

42-46, 50-72

YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM DAILY OBSERVATIONS)

MEAN

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
90					.1	1.1							.0
85					1.0	14.0	3.2		.3				.5
80					6.0	37.9	61.7	17.1	7.5	.1			3.7
75				.4	3.1	17.7	61.5	50.7	21.9	2.2			15.1
70			.4	3.1	17.7	61.5	2.2	82.6	44.3	5.2	.6		25.7
65			1.3	9.4	38.0	85.3	.8	97.4	69.9	17.7	1.8		25.2
60	.1	.3	4.0	20.3	63.9	97.3		99.9	88.5	41.6	6.4	.1	43.8
55	1.2	1.6	11.3	37.3	85.0	99.6		100.0	97.6	63.5	18.2	3.0	51.7
50	4.8	5.2	21.9	63.8	97.1	100.0			99.6	84.7	36.9	9.2	60.4
45	11.5	16.1	37.1	64.9	100.0				100.0	95.5	56.4	19.7	68.6
40	22.7	32.7	64.6	96.4						99.1	80.3	36.1	77.7
35	43.7	56.5	85.2	98.7						100.0	94.4	57.3	86.4
30	66.0	77.2	94.9	100.0							99.7	78.0	93.0
25	84.2	89.5	98.6								99.9	90.3	96.9
20	93.4	95.6	99.8								100.0	97.8	98.9
15	97.4	98.9	100.0									99.9	99.7
10	99.9	99.7										99.9	100.0
5	100.0	100.0										100.0	100.0
MEAN	33.3	35.7	42.0	52.0	62.3	71.9	76.2	74.3	68.3	57.9	46.7	36.6	54.9
S.D.	9.210	8.883	8.711	8.138	7.367	6.687	4.848	5.043	7.209	7.646	8.444	9.181	17.044
TOTAL OBS	806	734	806	780	806	780	805	806	800	806	780	834	9543

STATION NO. 1000000000
STATION NAME
STATION TYPE

EXTREME VALUES

STATION TYPE

(FROM DAILY OBSERVATIONS)

1971

STATION NAME

42-66, 50-72

YEARS

STATION TYPE

MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
YEAR													
1	64	69	60	73	91	97	94	96	97	78	73	62	97
2	67	65	67	70	88	95	95	95	93	84	70	57	95
3	60	64	47	67	86	97	97	94	91	61	70	56	97
4	66	72	80	81	66	72	94	91	91				
5									89	75	83	70	
6	67	76	70	84	87	90	93	93	89	87	72	72	93
7	67	75	73	85	83	99	97	89	92	82	70	72	99
8	68	67	68	84	84	90	97	100	93	79	75	67	100
9	67	72	71	83	84	95	99	93	91	69	66	66	99
10	59	61	77	74	91	90	98	98	86	84	76	65	98
11	60	62	68	83	93	92	95	92	90	77	72	72	95
12	65	65	74	87	80	95	101	95	94	74	74	64	101
13	60	60	54	83	85	92	93	93	90	83	71	60	93
14	60	62	71	85	91	98	92	93	90	91	78	61	98
15	59	67	78	89	83	91	91	92	88	81	71	63	92
16	53	72	75	87	83	91	92	90	92	79	80	60	92
17	62	64	76	86	93	92	93	96	93	86	62	62	96
18	58	59	80	84	90	96	95	92	97	91	69	53	95
19	65	66	77	82	89	97	96	92	93	76	73	72	97
20	63	67	64	79	97	100	95	93	91	61	74	64	100
21	66	59	74	77	83	97	101	92	92	77	72	74	101
22	72	65	75	82	85	91	90	91	82	84	67	67	91
23	57	56	77	75	83	92	94	96	96	87	75	65	96
24	58	47	68	86	91	98	93	88	87	81	67	61	93
25	62	60	73	77	87	92	90	91	96	84	66	66	96
26	60	67	74	77	80	92	95	91	85	77	78	62	95
27	65	70	77	83	84	89	95	94	91	75	72	69	95
28													
29													
30													
31													
MEAN	63.1	64.0	73.3	82.3	87.3	93.7	94.8	93.0	90.6	81.5	72.5	64.2	80.2
S D	4.381	4.379	6.461	5.805	4.126	3.555	2.912	2.793	3.344	4.350	4.784	5.191	2.518
TOTAL OBS	106	744	806	780	806	780	805	806	800	801	780	826	9342

1210 WS FORM 0-88-5 (Rev 50)

(AT LEAST 1 DAY < 24 HRS)

DATA PROCESSING REPORT
 USAF/ETAC/PLA
 AIR EAT 15 FEB 1972

EXTREME VALUES

11 JUL 1972

(FROM DAILY OBSERVATIONS)

13707 STATION NAME

42-46, 50-72

YEARS

WILL GEORGE CAMPBELL

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
1	16	5	10	21	33	56	52	51	40	37	26	14	5
2	15	17	19	29	43	48	57	57	47	37	29	14	14
3	7	16	29	31	41	43	53	53	50	34	23	9	7
4	4	16	27	31	39	48	54	51	47	42	37	12	
5	18	17	25	37	45	52	58	51	42	42	21	11	10
6	12	22	26	33	42	54	53	51	46	24	24	17	12
7	23	17	23	33	47	50	57	56	44	39	23	14	14
8	11	13	22	26	41	49	58	57	47	37	26	16	11
9	9	4	21	34	43	50	62	50	49	39	14	17	4
10	17	20	20	30	36	50	58	58	39	33	25	21	17
11	2	23	26	32	36	52	57	54	42	33	27	14	2
12	11	4	27	32	42	50	62	56	43	37	19	12	4
13	12	13	23	34	47	50	59	57	41	34	22	15	12
14	25	19	9	27	35	53	59	61	52	34	25	9	9
15	4	1	22	33	38	53	57	57	45	37	20	14	1
16	9	7	14	30	39	56	53	50	40	32	23	8	0
17	7	17	27	34	48	53	57	53	39	39	29	11	7
18	5	19	24	29	42	48	61	55	47	32	22	16	5
19	4	11	19	26	47	55	61	50	48	27	21	13	4
20	3	17	23	32	34	45	55	59	45	27	23	15	2
21	16	8	14	20	42	43	55	60	64	32	21	12	4
22	5	9	19	29	39	52	59	53	47	32	29	12	5
23	14	18	22	29	42	53	60	55	48	27	21	13	14
24	3	10	23	29	35	52	61	60	44	37	20	18	3
25	9	4	26	30	41	54	55	55	48	44	26	7	5
26	6	14	22	27	43	45	56	53	52	37	25	21	6
MEAN	17.1	12.2	21.5	30.2	40.5	50.3	57.3	54.7	45.0	34.1	23.2	13.5	7.3
S. D.	6.71	6.822	5.277	7.847	3.039	2.659	2.933	3.377	3.609	4.431	1.784	4.237	4.614
TOTAL OBS.	806	734	806	780	806	780	805	806	800	802	780	836	9345

NOTES * (PAST) OF < FULL MONTHS

AT LEAST 5.0 INV < 24.5

1210 WS FORM 0.88.5 (Det 50)

3

YEARS

ALL
MONTH

ALL
URS (L. S)

USAFETAC FORM 0 26-5 (OLA)

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13707 DOVER AFB DELAWARE
STATION STATION NAME

43-46, 51-72
YEARS

JAN
MONTH

PAGE 1

ALL
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																							TOTAL O.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31									Dry Bulb	Wet Bulb	Dew Point
72/ 71							.0											5					5					
70/ 69							.0											2					3					
68/ 67	.0		.0	.0	.0	.0	.0											17					17		1		1	
66/ 65		.0	.0	.0	.0	.1	.0											35					35		1			
64/ 63	.0	.1	.1	.0	.1	.0												72					72		5		3	
62/ 61	.0	.1	.1	.0	.1		.0											64					64		33		12	
60/ 59	.1	.2	.1	.1	.0	.0	.0											100					101		92		42	
58/ 57	.1	.2	.2	.2	.1	.0	.0											144					144		98		84	
56/ 55	.1	.4	.3	.2	.0	.0	.0											210					210		125		84	
54/ 53	.1	.4	.2	.2	.1	.1	.0											204					204		173		103	
52/ 51	.1	.5	.3	.1	.1	.1	.0											237					238		211		168	
50/ 49	.1	.6	.3	.3	.3	.2	.0	.0										331					331		209		184	
48/ 47	.2	.6	.4	.3	.3	.2	.1											389					389		253		236	
46/ 45	.3	1.0	.4	.5	.4	.2	.0											548					549		320		263	
44/ 43	.5	1.4	.7	.8	.5	.1	.0											750					751		505		333	
42/ 41	.6	1.7	1.0	.9	.6	.0												950					950		602		469	
40/ 39	1.2	1.7	1.7	1.4	.6	.1												1275					1277		910		525	
38/ 37	.9	2.1	1.7	1.6	.4	.0												1310					1310		1011		622	
36/ 35	.6	2.0	2.7	1.7	.3													1542					1542		1298		658	
34/ 33	.6	3.2	3.1	1.4	.1													1623					1622		1391		897	
32/ 31	.7	3.3	3.2	1.3	.1													1634					1636		1853		1078	
30/ 29	.6	2.4	3.3	1.1	.1													1633					1633		1729		1126	
28/ 27	.4	2.7	3.1	.6														1306					1307		1605		1092	
26/ 25	.2	2.3	2.7	.3														1090					1090		1410		1210	
24/ 23	.2	1.9	2.1	.2														839					839		1243		1260	
22/ 21	.2	2.0	1.9	.1														734					734		1058		1151	
20/ 19	.2	1.8	1.2	.0														613					614		813		1043	
18/ 17	.2	1.5	.8	.0														471					471		656		1040	
16/ 15	.1	1.4	.4															370					371		528		890	
14/ 13	.0	.9	.3															245					246		371		886	
12/ 11	.1	.8	.1															180					180		243		810	
10/ 9	.0	.5	.1															106					106		195		711	
8/ 7	.0	.4	.0															78					79		115		518	
6/ 5	.0	.3																61					61		68		420	
Element (X)	Σ x ²		Σ x		x̄		s _x		No. Obs.		Mean No. of Hours with Temperature										Total							
Rel. Hum.											≤ 0 F ≤ 32 F ≥ 67 F ≥ 73 F ≥ 80 F ≥ 93 F																	
Dry Bulb																												
Wet Bulb																												
Dew Point																												

USAFETAC FORM 0 26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

3

PSYCHROMETRIC SUMMARY

JAFS

STATION

STATION NAME

YEARS

MONTH

All

HOURS (L, S, T.)

JSAFETAC FORM 0-26.5 (OL A)
JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13707
STATION

DOVER AFB DELAWARE
STATION NAME

43-46, 51-72
YEARS

FEB
MONTH

PAGE 1

ALL
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point					
74/ 73				.0														1	1						
72/ 71					.0	.0	.0	.0										13	13						
70/ 69					.0	.0	.0											13	13						
68/ 67	.0			.0	.0	.0	.0	.0		.0								24	24	2	1				
66/ 65	.0	.0	.0	.0	.1	.1	.0	.0	.0									49	49	1	1				
64/ 63	.0	.0	.1	.1	.0	.0	.0	.0	.0									50	50	8	3				
62/ 61	.0	.0	.1	.1	.1	.0	.0	.0										74	74	22	9				
60/ 59	.0	.2	.2	.1	.1	.0	.1	.0	.0									145	145	58	14				
58/ 57	.1	.3	.2	.1	.1	.1	.1	.0	.0									178	178	128	69				
56/ 55	.0	.3	.2	.2	.2	.1	.1	.0										210	210	118	92				
54/ 53	.2	.2	.2	.2	.3	.1	.1	.1										256	256	170	142				
52/ 51	.2	.4	.4	.2	.3	.3	.1	.0										334	334	162	135				
50/ 49	.2	.5	.2	.4	.5	.2	.1	.0										371	371	237	155				
48/ 47	.2	.5	.4	.5	.5	.2	.0											433	433	300	216				
46/ 45	.2	.8	.6	1.0	.6	.3	.1											630	630	344	192				
44/ 43	.4	1.0	1.0	1.1	.8	.2	.0											790	790	466	265				
42/ 41	.9	1.3	1.3	1.4	.9	.2	.0											1051	1051	763	401				
40/ 39	1.0	2.0	2.1	1.7	.9	.1												1369	1369	1012	546				
38/ 37	.9	2.7	2.4	1.9	.6	.1												1505	1505	1164	650				
36/ 35	.7	3.5	2.9	2.0	.6	.0												1710	1710	1486	776				
34/ 33	.7	3.8	3.0	1.4	.3													1611	1611	1681	1077				
32/ 31	.9	2.7	2.6	1.4	.2													1348	1348	1845	1296				
30/ 29	.5	2.3	2.9	1.1	.1													1207	1207	1424	1256				
28/ 27	.3	2.1	2.4	.6	.0													931	931	1286	1109				
26/ 25	.3	2.0	2.1	.4														847	847	1257	1091				
24/ 23	.1	1.3	1.7	.3														598	598	889	1034				
22/ 21	.1	1.0	1.5	.1														448	448	655	1096				
20/ 19	.1	.9	1.3	.0														393	393	532	870				
18/ 17	.1	.9	.8	.0														312	312	474	827				
16/ 15	.1	.8	.4															231	231	368	659				
14/ 13	.0	.6	.2															135	135	270	618				
12/ 11	.0	.5	.1															91	91	147	548				
10/ 9	.0	.4	.0															78	78	104	447				
8/ 7	.0	.6	.0															35	35	74	418				
Element (X)	Σ X'		Σ X		X̄		s _x		No. Obs.		Mean No. of Hours with Temperature														
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total		
Dry Bulb																									
Wet Bulb																									
Dew Point																									

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13707
STATION

DIIVLE AFB DELAWARE
STATION NAME

43-46, 51-72
YEARS

PER
MONTH

PAGE 2

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17	18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	> 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
6/ 5	.0	.1																	15	15	30	375			
4/ 3	.0	.0																	5	5	11	321			
2/ 1	.0	.0																	4	4	6	239			
0/ -1	.0																		1	1	2	233			
-2/ -3																						156			
-4/ -5																						64			
-6/ -7																						51			
-8/ -9																						17			
-10/-11																						16			
-12/-13																						5			
-14/-15																						3			
-16/-17																						2			
-18/-19																						1			
-20/-21																						1			
TOTAL	8.4	33.2	31.3	10.4	7.2	2.3	.9	.2	.1	.0									17496	17496	17496	17497			
														</											

USAFETAC FORM 0-26-5 (OL A) 1-64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

MAR
MONTH

ALL

HOURS (L, S, T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																
88/ 87											.0							3	3																	
86/ 85											.0	.0						2	2																	
84/ 83											.0	.0						8	8																	
82/ 81											.0	.0						10	10																	
80/ 79								.0	.0	.0	.0	.0						14	14																	
78/ 77						.0	.0	.0	.0	.0	.0	.0	.0					28	28																	
76/ 75					.0	.0	.1	.1	.0	.0	.0	.0						52	52																	
74/ 73					.0	.1	.1	.1	.0	.1	.0	.1			.0			78	78																	
72/ 71				.0	.0	.1	.1	.1	.0	.1								67	67																	
70/ 69			.0	.0	.2	.1	.1	.1	.1	.1	.0	.0						101	101	1																
68/ 67		.0	.0	.1	.1	.1	.1	.1	.1	.1	.0							145	145	25																
66/ 65		.0	.2	.2	.1	.1	.1	.1	.1	.1	.0							204	204	47																
64/ 63		.1	.1	.2	.2	.2	.1	.1	.1	.1	.0							202	202	62																
62/ 61	.0	.2	.2	.3	.2	.2	.2	.1	.1	.0	.0							296	296	185																
60/ 59	.1	.3	.3	.2	.2	.3	.2	.1	.1									358	358	209																
58/ 57	.1	.4	.3	.3	.3	.3	.2	.2	.0									383	383	273																
56/ 55	.1	.5	.3	.5	.4	.4	.3	.1										500	500	372																
54/ 53	.2	.6	.4	.6	.5	.5	.5	.1										635	635	358																
52/ 51	.2	.6	.5	.6	.8	.6	.3	.0										697	697	441																
50/ 49	.2	.6	.8	.8	.9	.6	.2	.0										829	829	557																
48/ 47	.4	.9	1.0	1.1	1.0	.6	.2	.0	.0									1023	1023	653																
46/ 45	.7	1.9	1.3	1.4	1.1	.6	.1											1384	1384	923																
44/ 43	.6	2.2	1.6	1.7	1.2	.5	.0											1506	1506	1210																
42/ 41	.8	2.4	2.0	1.8	1.0	.4	.0											1614	1617	1494																
40/ 39	.7	2.9	2.6	2.0	1.2	.2	.0											1847	1847	1701																
38/ 37	.5	2.6	2.3	1.8	.9	.1												1569	1569	1748																
36/ 35	.5	2.8	2.5	1.8	.5	.0												1556	1556	1806																
34/ 33	.5	2.3	1.9	1.4	.2													1225	1225	1781																
32/ 31	.4	1.4	1.7	1.1	.1													917	917	1546																
30/ 29	.2	.9	1.7	.8	.1													686	686	1179																
28/ 27	.1	.7	1.3	.4														475	475	811																
26/ 25	.1	.5	1.0	.1														328	328	731																
24/ 23	.0	.5	.6	.0														214	214	465																
22/ 21	.0	.3	.3															120	120	313																
Element (X)	Σ X ²			Σ X			X̄			s _x			No. Obs.			Mean No. of Hours with Temperature																				
Rel. Hum.																≤ 0 F			≥ 32 F			≥ 67 F			≥ 73 F			≥ 80 F			≥ 93 F			Total		
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

PSYCHROMETRIC SUMMARY

YEARS

APR
MONTH

PAGE 1

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb		Wet Bulb	Dew Point	
90/ 89											.0	.0						3	3			
88/ 87									.0		.0	.0						9	9			
86/ 85						.0	.0	.0	.0	.0	.0	.1	.0					30	30			
84/ 83							.0	.0	.1	.1	.1	.0						56	56			
82/ 81						.0	.1	.1	.1	.1	.1	.0						89	89			
80/ 79					.0	.0	.1	.1	.1	.1	.0	.0	.0					100	100			
78/ 77					.0	.1	.2	.1	.1	.1	.1	.1						139	139	1		
76/ 75				.0	.1	.2	.2	.1	.1	.1	.1	.0						180	180	1		
74/ 73			.0	.1	.2	.2	.2	.2	.2	.2	.1							247	247	1		
72/ 71			.0	.2	.4	.2	.2	.2	.2	.1	.0	.0						296	296	16		
70/ 69		.0	.2	.3	.4	.4	.2	.2	.2	.1	.0							357	357	57		
68/ 67		.1	.4	.4	.3	.4	.3	.2	.2	.1								427	427	131		
66/ 65	.0	.3	.6	.5	.3	.4	.3	.4	.2	.1								551	551	295		
64/ 63	.0	.5	.6	.5	.5	.4	.3	.5	.1	.0								655	657	442		
62/ 61	.1	.6	.6	.6	.5	.5	.5	.4	.2	.0								734	734	521		
60/ 59	.1	.8	.7	.8	.7	.8	.7	.4	.1									930	930	623		
58/ 57	.4	1.0	.9	.7	.8	.9	.6	.4	.0									1070	1070	755		
56/ 55	.5	1.3	1.0	1.1	1.0	1.0	.8	.2										1306	1306	923		
54/ 53	.7	1.5	1.2	1.1	1.0	1.0	.6	.1	.0									1342	1342	1017		
52/ 51	.6	1.8	1.4	1.2	1.3	1.0	.3	.1	.0									1407	1407	1175		
50/ 49	.6	2.2	1.8	1.5	1.5	.9	.3	.0										1635	1636	1461		
48/ 47	.5	2.5	1.7	1.5	1.4	.6	.1	.0										1540	1540	1614		
46/ 45	.4	2.4	1.7	1.7	.9	.4	.0											1381	1381	1783		
44/ 43	.5	1.9	1.7	1.3	.8	.2	.0											1166	1166	1724		
42/ 41	.3	1.3	1.5	1.2	.5	.1	.0											907	907	1563		
40/ 39	.2	1.1	1.5	.8	.4	.0	.0											748	748	1346		
38/ 37	.1	.8	.9	.5	.2	.0	.0											468	468	1008		
36/ 35	.1	.5	.8	.4	.1													355	355	807		
34/ 33	.1	.3	.4	.3	.0	.0												206	206	531		
32/ 31	.0	.2	.2	.1	.0	.0												114	114	352		
30/ 29	.0	.1	.3	.0														86	86	200		
28/ 27		.1	.0	.0														27	27	134		
26/ 25			.0	.0														2	2	69		
24/ 23																				11		
Element (X)	ΣX^2			ΣX			\bar{X}			σ_x			No. Obs.			Mean No. of Hours with Temperature						
Rel. Hum.																≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb																						
Wet Bulb																						
Dew Point																						

USAFETAC FORM 0.26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

PAGE 2

ALL

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

MAY

MONTH

ALL
HOURS (L S, T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																											TOTAL D.B./W.B.	TOTAL							
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																
98/ 97											.0							1	1																	
96/ 95											.0	.0						3	3																	
94/ 93											.0	.0						6	6																	
92/ 91											.0	.1	.0					21	21																	
90/ 89									.0	.0	.1	.1	.0					43	43																	
88/ 87							.0	.1	.1	.1	.0	.0	.0	.0				90	90																	
86/ 85					.0	.1	.1	.2	.2	.1	.1	.0	.0	.0	.0			133	133																	
84/ 83					.0	.1	.3	.3	.3	.2	.1	.1	.0	.0	.0			208	208																	
82/ 81				.0	.1	.3	.3	.3	.3	.2	.1	.1	.0	.0				269	269																	
80/ 79				.1	.2	.5	.3	.3	.3	.2	.2	.2	.0	.0				374	374																	
78/ 77			.0	.2	.5	.4	.4	.4	.3	.2	.1	.0						506	506	1																
76/ 75		.0	.1	.5	.5	.5	.4	.4	.4	.3	.1	.0	.0					557	557	36																
74/ 73		.0	.3	.7	.6	.6	.5	.4	.3	.2	.1	.0						702	703	135	4															
72/ 71	.0	.2	.7	.7	.7	.6	.6	.4	.4	.1	.0							871	872	355	51															
70/ 69	.0	.6	1.2	.9	.8	.8	.5	.5	.3	.1	.0							1122	1126	647	184															
68/ 67	.1	1.0	1.3	1.0	.8	.8	.6	.5	.3	.0								1223	1223	886	511															
66/ 65	.2	1.6	1.4	1.0	1.0	.7	.7	.3	.1	.0								1372	1373	1036	714															
64/ 63	.5	1.9	1.3	1.2	.9	.8	.6	.2	.1	.0	.0							1464	1467	1335	1021															
62/ 61	.4	2.3	1.3	1.2	1.0	.8	.6	.2	.1									1500	1502	1544	1178															
60/ 59	.9	2.5	1.4	1.4	1.0	.9	.5	.1	.0									1680	1683	1722	1408															
58/ 57	.6	2.2	1.7	1.3	1.1	.7	.3	.1	.0									1524	1526	1704	1331															
56/ 55	.4	2.2	1.9	1.4	1.0	.5	.2	.0										1455	1456	1764	1363															
54/ 53	.4	1.9	1.5	1.1	.7	.2	.1	.0										1141	1146	1656	1442															
52/ 51	.3	1.5	1.4	.9	.5	.1	.0											909	909	1590	1454															
50/ 49	.2	1.4	1.4	.7	.3	.1	.0											806	806	1461	1384															
48/ 47	.1	1.1	.8	.5	.1	.1												522	523	1205	1265															
46/ 45	.1	.8	.5	.3	.1	.0												352	352	675	1314															
44/ 43	.0	.3	.3	.2	.1													186	186	578	1165															
42/ 41	.0	.2	.2	.1	.0													96	96	312	953															
40/ 39		.0	.1	.1	.0													41	41	186	705															
38/ 37		.0	.0	.0														16	16	89	555															
36/ 35		.0	.0	.0														9	9	57	432															
34/ 33			.0	.0														4	4	21	283															
32/ 31																				7	156															
Element (X)	Σ X ²			Σ X			Σ			Σ X			No. Obs.			Mean No. of Hours with Temperature																				
Rel. Hum.																≤ 0 F			≤ 32 F			≥ 67 F			≥ 73 F			≥ 80 F			≥ 93 F			Total		
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13707
STAT

DOVER AFB DELAWARE
STATION NAME

43-46, 51-72

YEARS

MAY
MONTH

PAGE 2

ALL

HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26-5 (QLA)

PSYCHROMETRIC SUMMARY

YEARS

MONTH

ALL

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

PAGE 2

ALL

HOURS (L, S, T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13707 DOVER AFB DELAWARE

43-46, 51-72

JUL

STATION

STATION NAME

YEARS

MONTH

PAGE 1

ALL

HOURS (L, S, T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point
102/101													.0	.0				3	3	
100/ 99										.0	.0	.0	.0	.0				11	11	
98/ 97									.0	.0	.0	.0	.0	.0				25	25	
96/ 95								.0	.1	.0	.1	.1	.0	.0				77	77	
94/ 93							.0	.2	.3	.2	.2	.1	.0	.0				168	168	
92/ 91						.1	.2	.4	.3	.2	.2	.1	.0	.0				298	298	
90/ 89					.1	.2	.6	.8	.6	.4	.2	.0	.0	.0				543	543	
88/ 87				.1	.2	.7	.8	.7	.5	.3	.1	.0	.0	.0				652	652	
86/ 85			.0	.2	.8	.9	1.0	.6	.5	.3	.1	.0	.0	.0				871	871	
84/ 83		.0	.1	.5	1.1	1.1	.8	.7	.5	.3	.1	.1	.0	.0				995	996	
82/ 81		.0	.5	1.4	1.3	1.0	.9	.7	.4	.3	.1	.0	.0	.0				1270	1270	76
80/ 79		.2	1.2	2.1	1.4	1.1	.8	.6	.5	.2	.1	.0	.0	.0				1554	1554	290
78/ 77	.1	1.3	2.2	2.0	1.3	.9	.8	.6	.4	.1	.0	.0	.0	.0				1838	1838	943
76/ 75	.2	2.9	3.0	1.8	1.3	.9	.7	.4	.1	.0	.0	.0	.0	.0				2163	2167	1888
74/ 73	.8	3.9	2.5	1.6	1.0	.7	.4	.2	.1	.0	.0	.0	.0	.0				2132	2135	2641
72/ 71	1.1	4.0	2.1	1.3	.8	.4	.2	.1	.0	.0	.0	.0	.0	.0				1935	1939	2983
70/ 69	1.1	2.9	2.2	1.3	.7	.3	.1	.0	.0	.0	.0	.0	.0	.0				1654	1661	2727
68/ 67	.6	1.9	1.7	.9	.5	.2	.1	.0	.0	.0	.0	.0	.0	.0				1087	1088	2105
66/ 65	.3	1.7	1.2	.6	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0				790	790	1803
64/ 63	.2	1.3	.9	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0				596	557	1483
62/ 61	.1	.7	.4	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0				283	284	1021
60/ 59	.1	.5	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0				162	163	681
58/ 57	.0	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0				56	56	301
56/ 55	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0				25	25	139
54/ 53		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0				10	10	53
52/ 51																			20	294
50/ 49																			4	137
48/ 47																				101
46/ 45																				66
44/ 43																				17
42/ 41																				5
40/ 39																				2
36/ 35																				1
Element (X)	ΣX^2		ΣX		\bar{X}		σ_x		No. Obs.		Mean No. of Hours with Temperature									
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total			
Dry Bulb																				
Wet Bulb																				
Dew Point																				

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

MONTH

ALL
HOURS (L, S, T.)

[illegible]

USAFETAC FORM 0.26-5 (OLA) REVISE PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

3

6.

YEARS

MONTH

All

HOURS (L. S. T.)

FORM 0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

YEARS

SEP
MONTH

PAGE 1

ALL
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

SEP
MONTH

PAGE 2

ALL

HOURS (L, S, T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13707
STATION

DOVER AFB DELAWARE
STATION NAME

43-45, 50-72
YEARS

OCT
MONTH

PAGE 1

ALL
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point	
92/ 91										.0								1	1		
90/ 89									.0	.0								5	5		
88/ 87						.0		.0	.0	.0	.0							13	13		
86/ 85						.0	.0	.0	.1	.0	.0	.0						35	35		
84/ 83				.0	.0	.1	.0	.1	.1	.0	.0							46	46		
82/ 81				.0	.1	.1	.1	.1	.0	.0		.0						63	63		
80/ 79			.0	.1	.0	.1	.1	.1	.1	.0	.0							99	100		
78/ 77		.0	.0	.1	.1	.2	.2	.2	.1	.0	.0	.0						169	169	2	
76/ 75		.0	.1	.2	.2	.2	.2	.2	.1	.0	.0							248	248	16	
74/ 73	.0	.2	.1	.2	.3	.3	.3	.3	.1	.0	.0							341	341	77	
72/ 71	.0	.3	.3	.6	.4	.3	.4	.2	.0	.0	.0	.0						509	509	159	
70/ 69	.1	.5	.8	.7	.4	.4	.3	.3	.1	.0	.0							718	718	205	
68/ 67	.1	.7	1.1	.7	.5	.5	.4	.2	.1	.0								852	852	474	
66/ 65	.3	1.8	1.1	.8	.7	.4	.5	.2	.1	.0								1128	1128	723	
64/ 63	.5	2.6	1.3	1.0	.6	.6	.6	.2	.0	.0								1417	1419	1043	
62/ 61	.5	2.7	1.2	.8	.7	.7	.5	.2	.0									1409	1411	1278	
60/ 59	.4	2.5	1.3	1.2	.9	.7	.4	.1	.0									1474	1478	1320	
58/ 57	.4	2.4	1.5	1.3	.8	.6	.4	.1										1440	1440	1308	
56/ 55	.4	2.5	2.0	1.2	.9	.7	.3	.0										1564	1566	1347	
54/ 53	.3	2.6	1.6	1.1	.8	.4	.1	.0										1395	1398	1497	
52/ 51	.4	2.3	1.6	1.3	.7	.5	.1											1335	1337	1675	
50/ 49	.4	1.9	1.8	1.2	.5	.3	.1											1177	1178	1539	
48/ 47	.3	1.7	1.5	.9	.4	.1	.0											966	966	1394	
46/ 45	.2	1.8	1.4	.7	.2	.1												825	826	1332	
44/ 43	.2	1.3	1.1	.5	.2	.1	.0											650	650	1067	
42/ 41	.1	1.0	.7	.3	.1	.0												432	432	896	
40/ 39	.1	1.0	.7	.2	.1													393	393	642	
38/ 37	.0	.6	.3	.1	.0													208	208	463	
36/ 35	.1	.4	.3	.1														160	160	335	
34/ 33		.3	.1	.0														79	79	105	
32/ 31		.1	.1															29	29	133	
30/ 29		.0	.1															23	23	42	
28/ 27		.0	.0															11	11	21	
26/ 25																					
Element (X)	Σ x ²		Σ x		X̄		s _x		No. Obs.		Mean No. of Hours with Temperature										
Rel. Hum											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total				
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAFETAC FORM 0-26-5 (OL-A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

MONTH

ALL

HOURS (L, S, T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13707 QOVER AFB DELAWARE

43-45,50-72

NOV

STATION

STATION NAME

YEARS

MONTH

PAGE 1

ALL

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31							Dry Bulb	Wet Bulb
84/ 83						.0		.0													4		4		
82/ 81				.0	.0			.0													4		4		
80/ 79					.0	.0	.0	.0													7		7		
78/ 77			.0	.0	.0	.0	.0	.0													24		24		
76/ 75			.0	.0	.1	.1	.0	.0	.0	.0											35		35	2	
74/ 73				.1	.0	.0	.0	.0	.0	.0											34		34	4	
72/ 71	.0	.0	.1	.1	.1	.1	.1	.1	.0	.0											87		87	7	6
70/ 69		.0	.3	.1	.1	.1	.1	.1	.1	.0											147		147	26	7
68/ 67		.2	.2	.2	.2	.1	.1	.1	.0												210		210	69	11
66/ 65	.0	.2	.2	.3	.1	.2	.2	.1	.0												249		249	136	90
64/ 63	.1	.4	.3	.3	.2	.2	.2	.1	.0												336		336	160	135
62/ 61	.1	.6	.4	.4	.3	.3	.2	.0	.0												459		459	251	161
60/ 59	.4	1.4	.6	.4	.5	.4	.3	.0													735		736	421	288
58/ 57	.5	1.4	.8	.6	.5	.4	.2	.0	.0												829		830	612	464
56/ 55	.6	1.4	1.0	.8	.7	.5	.2	.0													976		979	659	546
54/ 53	.5	1.8	1.1	1.0	.8	.4	.2	.0													1068		1069	754	560
52/ 51	.6	1.8	1.2	1.0	1.0	.7	.1														1150		1150	942	635
50/ 49	.5	1.7	1.3	1.2	1.1	.5	.0														1182		1183	1092	685
48/ 47	.5	2.2	1.4	1.3	1.1	.3	.1														1326		1328	1091	811
46/ 45	.4	2.1	1.6	1.3	1.1	.3	.0														1376		1377	1220	886
44/ 43	.4	2.2	2.0	1.6	.9	.2	.0														1345		1349	1285	943
42/ 41	.5	1.7	2.1	1.6	.6	.1															1227		1235	1430	1013
40/ 39	.5	2.0	2.5	1.5	.6	.0															1332		1335	1494	1063
38/ 37	.5	1.8	2.3	1.4	.3																1151		1153	1379	1133
36/ 35	.3	1.9	2.2	.8	.2																1021		1021	1377	1168
34/ 33	.3	1.6	1.7	.6	.1																789		789	1242	1237
32/ 31	.3	1.2	1.3	.4	.0																598		598	1033	1289
30/ 29	.1	1.1	.9	.2	.0																439		439	777	1188
28/ 27	.1	.6	.5	.1																	235		235	520	982
26/ 25	.0	.3	.2	.0																	110		110	313	933
24/ 23		.2	.1	.0																	60		60	151	657
22/ 21		.1	.2	.0																	50		50	74	468
20/ 19		.0	.0																		14		14	52	401
18/ 17			.0																		2		2	31	268
Element (X)	ΣX^2		ΣX		\bar{X}		σ_x		No. Obs.		Mean No. of Hours with Temperature														
Ref. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total		
Dry Bulb																									
Wet Bulb																									
Dew Point																									

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

NOV
MONTH

ALL
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26-5 (QLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

13707 DOVER AFB DELAWARE

42-45, 50-72

DEC

STATION

STATION NAME

YEARS

MONTH

PAGE 1

ALL

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
74/ 73						.0	.0													2	2			
72/ 71				.0		.0														10	10			
70/ 69		.0	.0	.0	.0	.0														27	27			
68/ 67		.0	.0	.0	.0	.0	.0													25	25	4		
66/ 65	.0	.1	.1	.0	.1	.0	.0	.0												70	70	16	4	
64/ 63	.0	.2	.2	.1	.0	.0	.0	.0		.0										107	107	34	23	
62/ 61	.0	.3	.2	.1	.0	.1	.0	.0	.0											150	150	100	43	
60/ 59	.1	.3	.2	.1	.1	.0	.1	.0	.0											183	183	122	93	
58/ 57	.1	.4	.2	.1	.1	.1	.1	.1	.0											205	205	164	117	
56/ 55	.1	.4	.3	.2	.2	.1	.1	.0	.0											259	259	156	169	
54/ 53	.1	.5	.3	.3	.2	.2	.0	.0												321	322	205	162	
52/ 51	.2	.8	.3	.4	.3	.2	.0													434	441	276	206	
50/ 49	.3	1.0	.6	.4	.3	.1	.1	.0												563	569	389	271	
48/ 47	.5	1.3	.7	.6	.5	.2	.1	.0												758	762	531	391	
46/ 45	.7	1.8	.8	.8	.6	.2	.0													954	954	716	481	
44/ 43	.9	1.8	1.4	.9	.5	.1	.0													1117	1124	835	595	
42/ 41	.8	1.9	1.4	1.1	.7	.1														1205	1215	950	688	
40/ 39	.9	2.1	2.2	1.7	.5	.1	.0													1477	1500	1185	757	
38/ 37	.7	2.6	2.0	1.8	.4	.0														1492	1492	1232	838	
36/ 35	.6	2.7	3.1	1.6	.3	.0														1646	1646	1457	922	
34/ 33	.6	3.1	2.7	1.3	.2															1568	1568	1587	1040	
32/ 31	.7	2.5	2.8	1.3	.1															1494	1494	1840	1201	
30/ 29	.3	2.3	3.0	1.0	.1															1336	1338	1493	1238	
28/ 27	.3	2.1	2.5	.5																1060	1060	1373	.0	
26/ 25	.3	2.0	2.3	.4																981	982	1336	1243	
24/ 23	.2	1.7	1.6	.1																705	706	1119	1167	
22/ 21	.1	1.5	1.1																	547	547	836	1134	
20/ 19	.1	1.6	.7	.0																467	467	684	951	
18/ 17	.1	1.0	.4																	285	285	503	903	
16/ 15	.1	.9	.2																	222	222	325	971	
14/ 13	.0	.5	.1																	113	113	208	792	
12/ 11	.0	.3	.0																	59	59	120	625	
10/ 9	.0	.1	.0																	24	24	51	480	
8/ 7	.0	.0	.0																	11	11	16	471	
Element (X)	ΣX^2		ΣX		\bar{X}		σ_x		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total	
Dry Bulb																								
Wet Bulb																								
Dew Point																								

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

13707

DOVER AFR DELAWARE

42-45, 50-72

DEC

STATION

STATION NAME

YEARS

MONTH

PAGE 2

ALL

HOURS (L, S, T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
6/ 5	.0	.0																6	6	12	305			
4/ 3		.0																1	3	3	231			
2/ 1		.0																6	6	3	132			
0/ -1	.0	.0																5	5	8	100			
-2/ -3	.0	.0																2	2	5	35			
-4/ -5																					22			
-6/ -7																					13			
-8/ -9																					11			
-10/-11																					12			
-12/-13																					5			
-14/-15																					11			
-16/-17																					2			
-18/-19																					1			
-20/-21																					1			
-22/-23																					1			
TOTAL	8.8	37.6	31.4	13.0	5.1	1.5	.5	.1	.0	.0								19899	19961	19899	19898			

PSYCHROMETRIC SUMMARY

YEARS

JAN
MONTH

0000-0200

HOURS (L. S. T.)

[illegible]

3

1

JAN
MONTH

(

USAFETAC FORM 0-26-5 (1A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13707 DOVER AFB DELAWARE

43-46, 51-72

JAN
MONTH

PAGE 1 0300-0500
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point	Total	Total	Total	
66/ 65			.0															1	1	1	1	1	1	
54/ 63	.0	.1																4	4	1	7	2	2	
62/ 61	.0	.2	.1															8	8	7	14	9	9	
60/ 59	.1	.1																5	5	5	10	5	5	
58/ 57	.1	.2	.2	.2														15	15	8	23	8	8	
56/ 55	.1	.6	.2	.1														24	24	11	35	11	11	
54/ 53	.2	.8	.2	.1														30	30	25	55	25	25	
52/ 51	.0	.7	.3	.1														28	29	30	57	30	30	
50/ 49	.1	.5	.1	.0														17	17	24	41	24	24	
48/ 47	.4	.5	.0	.2	.2													30	30	30	60	30	30	
46/ 45	.2	.6	.3	.1														36	36	19	55	19	19	
44/ 43	.3	1.4	.5	.6														68	69	34	102	34	34	
42/ 41	.4	1.5	.5	.5														70	70	52	122	52	52	
40/ 39	1.0	1.8	.5	.7	.1													95	95	91	186	91	91	
38/ 37	1.4	2.0	1.2	.6	.1													129	129	104	233	104	104	
36/ 35	.5	4.2	1.9	.4	.1													171	171	106	277	106	106	
34/ 33	.9	4.5	2.8	.4														203	203	170	373	170	170	
32/ 31	.5	4.1	2.5	.6														187	187	200	387	200	200	
30/ 29	.8	5.9	2.4	.4														228	228	198	426	198	198	
28/ 27	.5	4.6	2.5	.3														190	190	214	404	214	214	
26/ 25	.7	4.0	2.2	.0														166	166	206	372	206	206	
24/ 23	.3	2.8	2.2															129	129	152	281	152	152	
22/ 21	.5	3.6	1.7															137	137	155	292	155	155	
20/ 19	.2	3.5	.8	.1														109	110	134	249	134	134	
18/ 17	.2	2.4	.9															85	85	107	192	107	107	
16/ 15	.3	2.3	.6															75	75	93	168	93	93	
14/ 13	.2	1.6	.3															50	50	72	122	72	72	
12/ 11	.2	1.3	.1															37	37	53	90	53	53	
10/ 9	.0	1.0	.1															27	27	34	61	34	34	
8/ 7	.0	.8																21	21	29	50	29	29	
6/ 5	.0	.6																16	16	17	33	17	17	
4/ 3	.0	.1																4	4	13	17	13	13	
2/ 1		.1																2	2	5	7	5	5	
0/ -1																								
Element (X)	Σ X ²		Σ X		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ	
Rel. Hum.																								
Dry Bulb																								
Wet Bulb																								
Dew Point																								

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVERSED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

JAN
MONTH

PAGE 2

0300-0500
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	* 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
-2/-3																					30			
-4/-5																					20			
-6/-7																					8			
-8/-9																					9			
-10/-11																					10			
-12/-13																					2			
-14/-15																					1			
TOTAL	10,358,325.1	5.6	.7	.1														2399	2402	2399				
Element (X)	Σx^2	Σx	X	σ_x	No. Obs.	Mean No. of Hours with Temperature							Total											
Ref. Hum.	14042961	178941	75.015	0.092	2399	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F													
Dry Bulb	2440915	72241	30.110	0.570	2402		56.7					93												
Wet Bulb	2144316	67182	28.010	0.475	2399		65.2					93												
Dew Point	1660696	54578	22.813	0.219	2399	4.7	72.8					93												

PSYCHROMETRIC SUMMARY

JAN

MONTH

0600-0800

HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13707 DOVER AFB DELAWARE

43-46, 51-72

JAN

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0900-1100

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL																	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																			
68/ 67						.0												1	1																				
64/ 63				.1	.0	.1												7	7																				
62/ 61		.1	.1	.2	.0													12	12																				
60/ 59		.3	.1	.2	.0													17	17	9	4																		
58/ 57	.0	.3	.2	.2	.0													17	17	16	8																		
56/ 55	.1	.4	.4	.3	.0	.0												25	28	20	13																		
54/ 53	.1	.6	.3	.1	.0													30	30	30	16																		
52/ 51	.3	.3	.3	.3	.0	.1												31	31	25	36																		
50/ 49	.2	.6	.5	.3	.3	.2												47	47	28	22																		
48/ 47	.2	.5	.5	.5	.3	.3												54	54	37	26																		
46/ 45	.2	1.3	.5	.9	.4	.2												82	82	38	30																		
44/ 43	.8	1.7	.6	.8	.5	.2	.0											118	118	81	52																		
42/ 41	.7	1.8	.9	1.1	.5	.0												120	120	91	75																		
40/ 39	1.0	1.8	2.0	1.7	.4	.1												168	170	118	73																		
38/ 37	1.0	2.0	2.0	2.1	.3													180	180	123	79																		
36/ 35	.7	2.9	3.8	1.8	.2													224	224	180	84																		
34/ 33	.3	2.8	3.4	2.2	.0													207	207	181	106																		
32/ 31	.4	2.4	3.3	1.5														183	183	231	128																		
30/ 29	.5	2.6	3.4	1.3	.2													194	194	223	144																		
28/ 27	.3	1.8	3.8	.7														155	155	187	139																		
26/ 25	.1	1.4	3.5	.3														126	126	155	145																		
24/ 23	.1	1.0	2.1	.2														81	81	162	143																		
22/ 21	.2	1.4	2.0	.0														86	86	119	148																		
20/ 19	.0	1.3	2.0	.0														79	79	91	126																		
18/ 17	.0	1.0	.8															43	43	74	103																		
16/ 15	.0	1.1	.5															39	39	71	118																		
14/ 13		.7	.1															20	20	36	113																		
12/ 11		.8	.2															23	23	22	97																		
10/ 9		.3	.2															13	13	21	90																		
8/ 7		.3	.1															10	11	16	66																		
6/ 5		.1																2	2	10	55																		
4/ 3																				2	31																		
2/ 1																					33																		
0/ -1																					35																		
Element (X)	Σ X ²			Σ X			Σ			Σ			Σ			Σ			No. Obs.			Mean No. of Hours with Temperature																	
Rel. Hum.																			≥ 0 F			≥ 32 F			≥ 67 F			≥ 73 F			≥ 80 F			≥ 93 F			Total		
Dry Bulb																																							
Wet Bulb																																							
Dew Point																																							

USAFETAC FORM 0-26-5 (OL A) REVISIO PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

JAN

STATION

STATION NAME

YEARS

MONTH

0900-1100

HOURS (L - S - T -)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13707
STATION

DUVER AFB DELAWARE
STATION NAME

43-46, 51-72
YEARS

JAN
MONTH

PAGE 1

1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
72/ 71							.1											3	3					
70/ 69						.0	.1											1	1					
68/ 67				.0	.0	.1	.1											6	6					
66/ 65		.0	.0	.3	.2	.3	.0											21	21					
64/ 63		.1	.2	.1	.3	.2												20	20	2	1			
62/ 61		.0	.3	.1	.1													12	12	4	2			
60/ 59	.1	.2	.3	.2	.1	.1	.1											23	24	25	5			
58/ 57	.0	.3	.3	.3	.2	.1	.1											32	32	24	12			
56/ 55	.0	.3	.3	.2	.2	.0	.1											28	28	30	21			
54/ 53		.3	.1	.3	.2	.5	.0											36	36	24	18			
52/ 51		.6	.5	.2	.5	.4	.1											53	53	22	24			
50/ 49	.1	.6	.4	1.0	.9	.5	.1	.1										69	89	36	29			
48/ 47	.0	.7	.5	.9	.8	.8	.2											94	94	45	31			
46/ 45	.3	1.5	1.0	1.2	1.0	.9	.1											144	144	69	42			
44/ 43	.6	1.1	.8	1.6	1.5	.3	.0											142	142	109	64			
42/ 41	.6	1.4	1.7	2.0	1.5	.1												174	174	115	68			
40/ 39	.9	1.5	2.4	2.3	1.7	.1												214	214	148	72			
38/ 37	.6	1.6	1.7	4.1	.8	.0												214	214	195	83			
36/ 35	.7	.8	2.3	3.7	.9													202	202	220	111			
34/ 33	.3	1.7	2.7	2.5	.3													179	179	160	123			
32/ 31	.2	1.6	2.1	2.3	.3													155	155	267	128			
30/ 29	.5	.6	2.6	1.9	.3													140	140	195	133			
28/ 27	.0	.8	2.2	.9														95	95	138	117			
26/ 25		.6	2.2	.8														87	87	157	150			
24/ 23		.7	2.5	.5														86	86	105	150			
22/ 21	.2	.4	1.2	.3														49	49	106	147			
20/ 19	.1	.5	1.1															39	39	73	149			
18/ 17		.3	.5															18	18	50	112			
16/ 15		.5	.2															18	18	37	99			
14/ 13		.2	.4															14	14	16	96			
12/ 11		.1	.1															6	6	13	100			
10/ 9		.1	.1															5	5	9	91			
8/ 7																				6	49			
6/ 5																					48			
Element (X)	ΣX^2		ΣX		\bar{X}		σ_x		No. Obs.		Mean No. of Hours with Temperature										Total			
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F								
Dry Bulb																								
Wet Bulb																								
Dew Point																								

REVISOR PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FORM 0-26-5 (OL A)
JUL 64

USAFETAC

PSYCHROMETRIC SUMMARY

YEARS

JAN
MONTH

1200-1400
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26.5 (01 A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13707 DOVER AFB DELAWARE
STATION STATION NAME

43-46, 51-72
YEARS

JAN
MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point	
72/ 71							.1											2	2		
70/ 69						.0	.0											2	2		
68/ 67				.0	.2	.0	.0											7	7		
66/ 65			.1	.1	.1	.2	.0											12	12		
64/ 63		.2	.1	.1	.2	.0												15	15	1	
62/ 61		.1	.1	.0	.2		.0											13	13	4	
60/ 59	.0	.2	.2	.1	.0	.0	.1											17	17	7	
58/ 57	.0	.3	.2	.2	.1	.0	.1											26	26	9	
56/ 55		.5	.1	.3	.1	.1	.1											30	30	11	
54/ 53		.3	.3	.2	.2	.1	.0											28	28	14	
52/ 51		.2	.5	.2	.5	.2	.0											40	40	27	
50/ 49	.1	.6	.3	.5	.5	.5	.2											68	68	28	
48/ 47	.4	.9	.7	.6	.6	.3	.2											91	91	25	
46/ 45	.3	.9	.9	1.2	1.2	.4	.0											120	120	53	
44/ 43	.2	1.4	1.5	1.3	1.1	.2	.1											138	138	41	
42/ 41	.7	1.2	1.9	1.7	1.9	.1												179	179	66	
40/ 39	1.1	1.5	2.4	2.5	1.2	.2												211	211	67	
38/ 37	.5	1.9	2.2	3.2	1.3													221	221	84	
36/ 35	.5	1.7	3.0	3.8	.6													229	229	100	
34/ 33	.4	2.3	3.6	2.2	.3													212	212	134	
32/ 31	.5	1.6	2.0	2.4	.2													162	162	133	
30/ 29	.2	.7	3.1	2.4	.1													159	159	158	
28/ 27	.2	.6	2.4	1.1														104	104	144	
26/ 25	.1	.6	2.6	.9														101	101	144	
24/ 23	.0	.5	1.6	.5														62	62	159	
22/ 21	.1	.8	1.0	.2														51	51	136	
20/ 19	.0	.4	1.1	.0														39	39	141	
18/ 17	.0	.4	.8	.0														31	31	134	
16/ 15		.4	.3															17	17	101	
14/ 13		.2	.2															9	9	98	
12/ 11		.1	.0															3	3	79	
10/ 9		.1	.1															4	4	74	
8/ 7		.0																1	1	52	
6/ 5																				2	62
Element (X)	Σ x²		Σ x		Σ		Σ x		No. Obs.		Mean No. of Hours with Temperature										
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total				
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAF ETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

PSYCHROMETRIC SUMMARY

JAN

YEARS

MONTH

1500-1700

HOURS (L, S, T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13707 DOVER AFB DELAWARE

43-46, 51-72

JAN

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1900-2000

HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb		Wet Bulb	Dew Point	Dry Bulb		Wet Bulb	Dew Point
64/ 63			.3		.0													7	7			7	7		
62/ 61		.1	.2															6	6			6	6		
60/ 59	.1	.1	.1	.1	.0													10	10			10	10	12	3
58/ 57	.1	.1	.3	.1	.0													15	15			15	15	6	15
56/ 55	.1	.3	.5	.2	.0													27	27			27	27	11	4
54/ 53	.1	.3	.1	.2														17	17			17	17	20	9
52/ 51	.0	.3	.3	.1	.1	.1												23	23			23	23	27	17
50/ 49	.0	.4	.3	.3	.3		.0											31	31			31	31	15	20
48/ 47	.0	.7	.4	.0	.2	.0												34	34			34	34	26	21
46/ 45	.3	1.2	.4	.2	.2	.1	.0											57	58			57	58	37	26
44/ 43	.5	1.8	.7	.7	.2	.1												93	93			93	93	61	41
42/ 41	.9	1.5	1.2	1.1	.4	.1												123	123			123	123	83	72
40/ 39	1.5	2.0	2.0	1.6	.6	.0												166	186			166	186	107	77
38/ 37	.7	2.5	3.0	1.2	.3	.0												186	186			186	186	123	68
36/ 35	.5	3.2	3.3	2.2	.3													226	226			226	226	177	84
34/ 33	.6	2.9	3.8	1.5														210	210			210	210	203	124
32/ 31	1.0	3.4	5.3	1.5	.1													271	271			271	271	251	133
30/ 29	.5	3.0	4.5	1.5	.0													227	227			227	227	230	160
28/ 27	.4	2.2	3.7	.9														173	174			173	174	235	155
26/ 25	.1	1.7	2.6	.3														113	113			113	113	190	150
24/ 23	.1	1.8	2.1	.3														106	106			106	106	167	145
22/ 21	.1	1.3	1.5															71	71			71	71	127	166
20/ 19	.0	1.1	1.3															59	59			59	59	84	140
18/ 17		1.2	.8															47	47			47	47	65	127
16/ 15	.0	.8	.7															37	38			37	38	52	110
14/ 13		.7	.3															27	23			27	23	39	124
12/ 11		.3	.1															8	8			8	8	27	82
10/ 9		.3																6	6			6	6	10	84
8/ 7		.2																5	5			5	5	5	65
6/ 5		.1																3	3			3	3	5	48
4/ 3																								3	36
2/ 1																									26
0/ -1																									21
-2/ -3																									11
Element (X)	Σ X ²					Σ X					X̄					s _x					No. Obs.				
Rel. Hum.																					Mean No. of Hours with Temperature				
Dry Bulb																					≤ 0 F				
Wet Bulb																					≤ 32 F				
Dew Point																					≥ 67 F				
																					≥ 73 F				
																					≥ 80 F				
																					≤ 93 F				
																					Total				

USAFETAC FORM 0-26-5 (OL A) JUL 64

PSYCHROMETRIC SUMMARY

YEARS

JAN
MONTH

PAGE 2 1800-2000
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

JAN
MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

JAN

PAGE 2 2100-2300
HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13707 DOVER AFB DELAWARE

43-46, 51-72

FEB
MONTH

PAGE 1 0000-0200

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
62/ 61		.0	.0	.1															4	4				
60/ 59	.1	.4	.4	.1															21	21	4	2		
58/ 57	.0	.4	.2				.1												16	16	14	10		
56/ 55		.3	.1	.2	.0	.0													15	15	17	9		
54/ 53	.2	.3	.1	.3	.0		.1												25	25	17	21		
52/ 51	.1	.6	.2	.1		.0													24	24	18	14		
50/ 49	.2	.2	.1	.1	.1														16	16	21	19		
48/ 47	.4	.5	.3	.1	.3														35	35	28	19		
46/ 45	.3	.6	.5	.6	.1														46	46	29	24		
44/ 43	.3	.5	1.0	.8	.2														62	62	24	23		
42/ 41	.6	.6	.9	.9		.0													71	71	53	27		
40/ 39	1.4	2.6	2.2	1.1	.1	.1													163	163	110	61		
38/ 37	1.1	2.7	2.0	.7	.2														148	148	121	69		
36/ 35	.9	5.1	3.2	1.6	.0														235	235	162	90		
34/ 33	.8	5.0	3.9	.6	.0														233	233	206	135		
32/ 31	.9	3.8	2.5	.6															172	172	222	166		
30/ 29	1.4	4.2	4.0	.5															219	219	214	177		
28/ 27	.5	3.3	3.2	.5															165	165	182	147		
26/ 25	.5	3.2	2.6	.2															144	144	203	148		
24/ 23		1.2	2.1	.3															79	79	118	120		
22/ 21	.0	1.5	1.9	.1															76	76	91	149		
20/ 19	.1	1.4	1.7																69	69	91	95		
18/ 17	.1	1.4	1.0																54	54	74	112		
16/ 15		1.5	.5																44	44	66	90		
14/ 13		.6	.2																16	16	52	74		
12/ 11		.4																	9	9	20	67		
10/ 9		.6	.1																17	17	7	67		
8/ 7	.0	.3																	7	7	20	62		
6/ 5		.0																	1	1	3	56		
4/ 3		.0																	1	1	2	34		
2/ 1																						33		
0/ -1																						25		
-2/ -3																						21		
-4/ -5																						9		
Element (X)	Σ X ²				Σ X				Σ				Σ				Σ				No. Obs.			
R. I. Hum.																					Mean No. of Hours with Temperature			
Dry Bulb																					≤ 0 F			
Wet Bulb																					≤ 32 F			
Dew Point																					≥ 67 F			
																					≥ 73 F			
																					≥ 80 F			
																					≥ 93 F			
																					Total			

PSYCHROMETRIC SUMMARY

FEB

STATION

STATION NAME

YFARS

MONTH

PAGE 2

0000-0200

HOURS (L. S. T.)

[illegible]

3

(

FEB

STATION

STATION NAME

YEARS

MONTH

0300-0500

HOURS (L, S, T.)

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26.5 (OL-A)

USAFETAC

PSYCHROMETRIC SUMMARY

43-46, 51-72

FEB

PAGE 2

0300-0500
HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13707 DOVER AFB DELAWARE

43-46, 51-72

FEB

STATION

STATION NAME

YEARS

MONTH

PAGE 1 0600-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	Dry Bulb	Wet Bulb	Dew Point	TOTAL	Dry Bulb	Wet Bulb	Dew Point
64/ 63			.0															1	1		1	1		
62/ 61	.0		.0	.0														3	3	1	1			
60/ 59	.1	.1	.0	.1														8	8	3	2			
58/ 57	.0	.4	.2		.1													16	16	8	3			
56/ 55	.1	.1	.1	.1	.1	.0												15	15	13	13			
54/ 53	.0	.2	.2	.1	.1													14	14	8	7			
52/ 51	.1	.3	.4	.0	.1													22	22	12	12			
50/ 49	.4	.5	.1	.1	.0	.0												26	26	32	14			
48/ 47	.1	.3	.4	.0	.1	.1												24	24	18	22			
46/ 45	.1	.7	.6	.2	.0	.0												37	37	21	20			
44/ 43	.5	.8	.5	.4	.1													49	49	39	19			
42/ 41	.9	1.3	.6	.6	.2													80	80	60	44			
40/ 39	1.5	2.2	1.8	.7	.3	.1												146	146	91	64			
38/ 37	1.1	3.0	2.3	.8														157	157	120	86			
36/ 35	1.2	4.3	2.6	.9	.0													199	199	136	95			
34/ 33	.9	4.8	3.2	.7														210	210	199	110			
32/ 31	1.4	4.6	2.0	.9														216	216	224	157			
30/ 29	.6	3.0	3.7	.3														168	168	193	129			
28/ 27	.7	3.6	2.5	.0														149	149	172	152			
26/ 25	.5	4.3	2.3	.0														155	155	108	139			
24/ 23	.3	2.4	2.0	.0														105	105	142	131			
22/ 21	.2	2.1	1.8															89	89	102	136			
20/ 19	.0	1.6	1.3	.0														71	71	87	117			
18/ 17	.1	2.1	.9															68	68	88	136			
16/ 15	.3	1.5	.6															51	51	68	96			
14/ 13	.1	1.4	.4															41	41	53	65			
12/ 11		1.1	.0															24	24	43	78			
10/ 9		1.1	.0															24	24	29	61			
8/ 7		.4	.0															9	9	19	51			
6/ 5	.1	.1																4	4	10	55			
4/ 3	.0	.0																2	2	3	40			
2/ 1	.0	.1																4	4	4	42			
0/ -1	.0																	1	1	2	30			
-2/ -3																					25			
Element (X)	Σ X'				Σ X				Σ				Σ				Σ				No. Obs.			
Rel. Hum.																					Mean No. of Hours with Temperature			
Dry Bulb																					≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F
Wet Bulb																					≥ 80 F	≥ 92 F	Total	
Dew Point																								

USAFETAC FORM 0-26-5 (OL A) REVISOR PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

FEAR
MONTH

0600-0800
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

FEB

MONTH

0900-1100

HOURS (L, S, T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

FEB
MONTH

PAGE 2 0900-1100
HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13707 OVER AFB DELAWARE

43-46, 51-72

FEB

STATION

STATION NAME

YEARS

MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point												
74/ 73				.0															1	1												
72/ 71					.0	.1	.1	.0											6	6												
70/ 69					.1	.1	.1												6	6												
68/ 67	.0			.0	.0	.1	.0	.1											9	9	2	1										
66/ 65	.0		.0	.2	.3	.1	.1		.1										21	21	1	1										
64/ 63			.1	.2	.1	.2	.1	.0	.1										19	19	2	1										
62/ 61		.1	.2	.1	.4	.0	.1	.0											20	20	5	1										
60/ 59	.0	.2	.1	.2	.3	.2	.4	.1	.0										34	34	20	3										
58/ 57	.0	.1	.3	.2	.1	.4	.2		.1										34	34	23	13										
56/ 55	.1	.4	.2	.2	.4	.5	.5	.2											54	54	22	15										
54/ 53	.4	.0	.2	.4	.8	.5	.4	.2											66	66	43	29										
52/ 51	.3	.8	.3	.5	.8	.7	.3												81	81	30	30										
50/ 49	.1	.4	.4	.9	1.7	.6	.3												97	97	43	25										
48/ 47	.1	.4	.4	1.2	1.2	.5	.0												85	85	57	44										
46/ 45	.2	.8	.7	1.4	2.0	1.1	.3												143	143	75	18										
44/ 43	.3	1.1	1.0	2.0	1.9	.8	.1												158	158	100	43										
42/ 41	.7	1.1	1.6	2.3	2.4	.6													195	195	150	59										
40/ 39	.5	1.2	2.4	2.3	2.1	.3													201	201	158	69										
38/ 37	.7	1.9	1.2	3.2	1.2	.2													184	184	191	91										
36/ 35	.3	1.8	1.5	3.3	1.6														185	185	231	113										
34/ 33		.1	1.5	2.2	.9														135	135	200	138										
32/ 31		.9	1.1	2.3	.3														108	108	182	153										
30/ 29	.1	.3	1.2	1.5	.1														70	70	151	143										
28/ 27	.0	.5	1.6	1.1	.1														76	76	132	113										
26/ 25		.4	1.5	.6															54	54	92	125										
24/ 23	.1	.5	.7	.6															42	42	83	110										
22/ 21	.0	.2	1.0																27	27	56	140										
20/ 19	.0	.2	1.2	.0															33	33	38	123										
18/ 17		.4	.5																20	20	42	92										
16/ 15		.1	.2																8	8	28	83										
14/ 13		.1	.1																4	4	11	70										
12/ 11		.1	.0																3	3	6	71										
10/ 9		.2																	5	5	5	64										
8/ 7		.0																	1	1	6	46										
Element (X)	Σ x ²				Σ x				x̄				s _x				No. Obs.				Mean No. of Hours with Temperature											
Rel. Hum.																					≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total					
Dry Bulb																																
Wet Bulb																																
Dew Point																																

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

PAGE 2 1200-1400
HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13707 DUVER AFB DELAWARE

43-46,51-72

FEB

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1500-1700

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point					
72/ 71					.0	.1	.1											7	7						
70/ 69						.2	.0											5	5						
68/ 67				.1	.1	.2	.0	.1		.0								13	13						
66/ 65		.0	.1	.0	.2	.2	.0	.1	.1									20	20						
64/ 63		.1	.1	.2	.0	.1			.1									13	13	4					
62/ 61			.2	.0	.1	.1	.0	.1		.1								16	16	9					
60/ 59		.1	.0	.1	.1	.1	.1	.1	.1									15	15	13					
58/ 57	.1	.4	.4	.3	.3	.4	.1	.0	.0									45	45	25					
56/ 55	.0	.5	.2	.3	.4	.5	.4	.1										54	54	19					
54/ 53	.2	.2	.3	.2	.6	.3	.3	.1										49	49	33					
52/ 51	.0	.1	.5	.4	1.1	.8	.2	.0										69	69	26					
50/ 49	.1	.5	.4	.7	1.0	.4	.3	.0										76	76	36					
48/ 47	.0	.7	.7	1.2	1.2	.6	.0											101	101	50					
46/ 45	.3	1.1	.7	2.2	1.9	.9	.3											159	159	78					
44/ 43	.4	1.1	1.2	1.6	2.1	.5	.2											156	156	105					
42/ 41	.6	1.4	1.8	2.6	2.3	.6	.0											206	206	142					
40/ 39	.6	1.2	2.2	2.8	2.4	.4												211	211	178					
38/ 37	.9	2.2	2.1	2.7	1.4	.3												210	210	188					
36/ 35	.5	1.4	2.3	2.6	1.5	.2												184	184	233					
34/ 33	.6	1.9	2.1	1.6	.7													151	151	227					
32/ 31	.6	.6	1.4	1.3	.7													101	101	222					
30/ 29		.5	1.0	2.1	.5													88	88	137					
28/ 27	.1	.8	1.1	.5														56	56	110					
26/ 25	.1	.8	1.3	.9														68	68	85					
24/ 23	.0	.2	.9	.3														31	31	102					
22/ 21	.0	.3	1.1	.0														32	32	53					
20/ 19	.1	.2	.7															23	23	42					
18/ 17		.1	.4	.0														12	12	34					
16/ 15		.1	.1															5	5	18					
14/ 13		.2	.1															6	6	6					
12/ 11		.0																1	1	7					
10/ 9		.1																3	3	4					
8/ 7																									
6/ 5																									
Element (X)	ΣX^2		ΣX		\bar{X}		σ_X		No. Obs.		Mean No. of Hours with Temperature														
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total		
Dry Bulb																									
Wet Bulb																									
Dew Point																									

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

PAGE 2 1500-1700
HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

13707 DOVER AFB DELAWARE

43-46, 51-72

FEB

STATION STATION NAME

YEARS

MONTH

PAGE 1

1800-2000

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL								
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point										
66/ 65					.1																3	3								
64/ 63		.0	.0	.0	.1	.0	.0														7	7								
62/ 61	.0		.2	.1	.0			.0													10	10	2	2						
60/ 59		.2	.2	.1	.1	.0	.1														20	20	5							
58/ 57	.1	.3	.1	.0	.0		.0	.0													14	14	15	10						
56/ 55		.3	.1	.0	.1	.1	.1														16	16	15	10						
54/ 53	.1	.5	.3	.2	.4	.1	.1														37	37	17	17						
52/ 51	.2	.4	.4	.3	.2	.1	.0														34	34	21	15						
50/ 49	.1	.6	.3	.4	.3	.1	.0														40	40	29	17						
48/ 47	.2	.5	.5	.4	.5	.1															50	50	39	26						
46/ 45	.1	1.1	.8	1.1	.2	.0															72	72	46	27						
44/ 43	.2	1.3	1.8	1.2	.7	.0															116	116	55	34						
42/ 41	1.1	1.7	1.8	1.8	.5	.0															153	153	105	60						
40/ 39	.8	2.3	2.6	2.1	.6	.1															185	185	121	83						
38/ 37	.9	3.2	3.5	3.2	.6																249	249	160	78						
36/ 35	.5	2.7	3.8	2.1	1.0	.0															221	221	199	94						
34/ 33	.4	4.6	3.8	2.2	.5																247	247	214	150						
32/ 31	1.1	2.5	3.0	1.9	.2																189	189	300	161						
30/ 29	.3	1.7	3.4	1.4	.1																152	152	185	175						
28/ 27		1.1	2.0	1.2	.1																95	95	172	150						
26/ 25	.2	1.2	1.6	.4																	76	76	151	152						
24/ 23		.6	1.9	.5																	68	68	86	146						
22/ 21	.0	.1	1.7	.1																	43	43	75	122						
20/ 19		.5	.7																		26	26	53	102						
18/ 17		.7	.6																		29	29	54	86						
16/ 15	.0	.4	.2																		14	14	32	63						
14/ 13		.2	.0																		5	5	17	74						
12/ 11		.4	.1																		12	12	6	60						
10/ 9		.0																			1	1	13	49						
8/ 7																							1	53						
6/ 5																								44						
4/ 3																								43						
2/ 1																								27						
0/ -1																								30						
Element (X)	Σ X'			Σ X			Σ			° X			No. Obs.			Mean No. of Hours with Temperature														
Rel. Hum.																≤ 0 F ≤ 32 F ≥ 67 F ≥ 73 F ≥ 80 F ≥ 93 F Total														
Dry Bulb																														
Wet Bulb																														
Dew Point																														

REVISOR PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OL A)

FORM 24

USAFETAC

PSYCHROMETRIC SUMMARY

13707
STATIC

DOVER AFB DELAWARE
STATION #

43-46, 51-72

FEB
MONTH

PAGE 2

1800-2000
HOURS (L. S. T.)

[illegible]

0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13707 OVER AFB DELAWARE

43-46, 51-72

FEB

STATION

STATION NAME

YEARS

MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point
66/ 65			.0															1	1	
64/ 63				.1														3	3	
62/ 61		.1	.1	.0			.0											6	6	2
60/ 59	.0	.2	.1	.1	.0	.0												12	13	5
58/ 57	.1	.1	.3	.1	.0		.0											17	17	11
56/ 55		.3	.1	.1		.1												13	13	8
54/ 53	.1	.2	.2	.2	.1		.0											19	19	10
52/ 51	.3	.5	.3	.3	.1	.1	.0											34	34	18
50/ 49	.2	.6	.2	.4	.2	.1												37	37	25
48/ 47	.2	.3	.5	.1	.2	.1	.0											32	32	35
46/ 45	.2	.8	.6	.5	.2													51	51	29
44/ 43	.5	.8	1.0	.9	.3													76	76	47
42/ 41	1.3	1.3	1.5	.5	.4													109	109	73
40/ 39	1.1	2.2	1.9	1.3	.2	.1												156	150	113
38/ 37	.7	3.3	2.8	1.7	.0													187	187	123
36/ 35	1.1	5.1	4.3	1.9	.2													275	275	184
34/ 33	.8	4.9	3.5	1.4	.1													234	234	232
32/ 31	.9	3.5	3.8	1.6														215	215	246
30/ 29	.8	3.1	3.5	1.6														197	197	203
28/ 27	.1	2.6	2.7	.5														131	131	189
26/ 25	.1	1.9	2.3	.5														104	104	193
24/ 23	.1	1.1	2.1	.5														83	83	107
22/ 21	.1	.8	1.9	.0														62	62	86
20/ 19	.1	.7	1.3															45	45	68
18/ 17		1.0	.5															33	33	66
16/ 15		.9	.5															32	32	40
14/ 13		.4																9	9	42
12/ 11	.1	.3	.0															9	9	9
10/ 9		.5																10	10	7
8/ 7		.0																1	1	10
6/ 5																				
4/ 3																				
2/ 1																				
0/ -1																				
Element (X)	Σ X'		Σ X		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature									
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total			
Dry Bulb																				
Wet Bulb																				
Dew Point																				

REVISOR PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FORM 0-26-5 (OL A)

JUL 64

USAFETAC

PSYCHROMETRIC SUMMARY

FEB

MONTH

2100-2300

HOURS (L, S, T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13707
STATION

DOVER AFB DELAWARE
STATION NAME

43-46, 51-72
YEARS

MAR
MONTH

PAGE 1 0000-0200
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17	18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point	
70/ 69					.0													1	1			
68/ 67				.1	.0													5	5			
66/ 65			.1	.2	.0													12	12			
64/ 63		.1	.2	.1	.1													12	12	3		
62/ 61		.2	.0	.2	.2	.0												18	18	13		
60/ 59	.1	.2	.3	.2	.2	.0	.0											20	20	16	13	
58/ 57	.1	.2	.1	.1	.2	.1												20	20	20	19	
56/ 55	.2	.5	.3	.3	.2	.0												40	40	25	19	
54/ 53	.5	.7	.5	.4	.3													58	58	34	28	
52/ 51	.3	.7	.3	.6	.3	.0												55	55	42	35	
50/ 49	.2	.8	.4	.5	.3	.0												55	55	54	30	
48/ 47	.1	.1	.7	.7	.5	.1	.0											79	79	51	42	
46/ 45	1.2	2.5	1.1	.7	.5	.1												146	146	104	75	
44/ 43	.6	2.5	1.4	1.8	.5													163	163	114	72	
42/ 41	.8	3.2	2.0	1.2	.4													180	181	123	110	
40/ 39	.8	4.5	3.9	1.8	.3													274	274	204	115	
38/ 37	.9	3.0	3.2	2.1	.2													225	225	217	166	
36/ 35	.4	4.4	3.7	2.4	.1													264	264	213	132	
34/ 33	.5	3.8	3.0	2.0	.1													226	226	268	154	
32/ 31	.6	2.6	2.3	1.8	.0													176	176	232	205	
30/ 29	.2	1.4	2.5	1.3	.0													133	133	203	179	
28/ 27	.2	1.2	1.6	.5														85	85	128	181	
26/ 25	.0	.9	1.3	.1														58	58	142	143	
24/ 23	.0	.9	.7	.0														42	42	81	114	
22/ 21	.0	.2	.5															19	19	54	86	
20/ 19	.2	.4	.2															18	18	33	97	
18/ 17		.4	.1															11	11	16	109	
16/ 15		.1																3	3	14	92	
14/ 13																				2	55	
12/ 11																					53	
10/ 9																					22	
8/ 7																					32	
6/ 5																					14	
4/ 3																					9	
Element (X)	Σ X ¹			Σ X			X̄			σ _x			No. Obs.			Mean No. of Hours with Temperature						
Rel. Hum.																≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb																						
Wet Bulb																						
Dew Point																						

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

MAR
MONTH

PAGE 2 0000-0200
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

MAR
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PAGE 1 0300-0500
HOURS (L. S. T.)

[illegible]

3

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HAR

MONTH

0300-0500

HOURS (L, S, T.)

USAFETYAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13707 DULVER AFB DELAWARE

43-46,51-72

MAR

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0600-0800

HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point					
72/ 71						.0												1	1						
70/ 69					.1	.0												2	2						
68/ 67				.2	.0	.0												6	6						
66/ 65		.0	.2	.1														10	10						
64/ 63		.0	.2	.3														12	12	3					
62/ 61	.1	.3	.2	.2		.0	.0											21	21	18	4				
60/ 59	.0	.3	.2	.1	.0	.0												20	20	21	14				
58/ 57	.1	.7	.3	.2	.2	.1												40	40	26	19				
56/ 55	.2	.7	.2	.2	.1	.0												34	34	29	42				
54/ 53	.2	.6	.4	.2	.2													39	39	33	23				
52/ 51	.4	.9	.2	.4	.4	.0												55	55	36	31				
50/ 49	.3	.6	.6	.4	.2													51	51	47	23				
48/ 47	.7	.9	.7	.5	.3													75	75	61	57				
46/ 45	.7	2.1	1.8	1.0	.4													144	144	73	44				
44/ 43	.9	2.2	2.0	1.2	.2	.0												155	155	102	71				
42/ 41	1.3	2.4	2.4	1.3	.3	.0												188	188	168	95				
40/ 39	1.0	3.0	3.1	1.5	.5													219	219	171	123				
38/ 37	.8	3.8	3.0	2.0	.2													237	237	190	136				
36/ 35	.5	4.1	3.4	1.5	.1													230	230	204	144				
34/ 33	.8	4.7	2.8	1.4	.0													233	233	269	179				
32/ 31	.4	2.9	3.4	1.0														186	186	244	185				
30/ 29	.2	1.9	2.4	1.2														139	139	175	191				
28/ 27	.2	1.6	1.8	.4														96	96	156	155				
26/ 25	.2	1.2	2.2	.1														88	88	128	143				
24/ 23	.1	.5	1.1	.0														43	43	87	122				
22/ 21		.5	.0															25	25	67	114				
20/ 19	.1	.7	.2															25	25	43	94				
18/ 17		.2	.1															8	8	23	78				
16/ 15		.5	.0															12	12	8	73				
14/ 13		.3																7	7	15	69				
12/ 11	.0	.1																3	3	5	66				
10/ 9		.1																2	2	3	35				
8/ 7																				1	26				
6/ 5																					15				
Element (X)	ΣX^2		ΣX		\bar{X}		σ_X		No. Obs.		Mean No. of Hours with Temperature														
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total		
Dry Bulb																									
Wet Bulb																									
Dew Point																									

USAFETAC FORM 0-26-5 (OL A) REVISIO NETWORKS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

43-46, 51-72

MAR
MONTH

PAGE 2

0600-0800
HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13707 ONVEK AFB DELAWARE

43-46, 51-72

MAR

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0900-1100

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
84/ 83										.0								1	1					
82/ 81									.0	.0	.0							3	3					
80/ 79							.1											2	2					
78/ 77							.0	.0										2	2					
76/ 75						.1				.0								4	4					
74/ 73					.0	.1	.1	.1		.1								11	11					
72/ 71				.2	.0	.2	.0	.1	.0	.0								14	14					
70/ 69			.1	.2	.1	.0	.1	.0	.1	.0								16	16					
68/ 67			.1	.3	.2	.3	.1	.3	.0									32	32	4				
66/ 65		.0	.2	.2	.2	.2	.2	.1										24	24	10				
64/ 63		.1	.2	.1	.2	.3	.1	.3	.0									34	34	16	1			
62/ 61	.0	.2	.3	.4	.5	.2	.2	.1	.0									49	49	27	12			
60/ 59	.1	.2	.5	.1	.5	.5	.2	.2										56	56	25	23			
58/ 57	.2	.3	.4	.3	.4	.4	.3	.1										60	60	47	28			
56/ 55	.0	.7	.4	.5	.5	.6	.5	.0										81	81	54	35			
54/ 53	.2	.4	.2	.7	.5	.7	.4											75	75	55	37			
52/ 51	.2	.7	.4	.8	.8	.9	.3											99	99	65	34			
50/ 49	.2	.4	1.2	1.3	1.8	1.0	.2											149	149	73	55			
48/ 47	.4	.8	1.2	1.6	1.5	1.0	.2											160	160	87	54			
46/ 45	.6	1.2	1.5	2.2	1.5	.7	.1											190	190	124	63			
44/ 43	.8	1.5	1.2	2.5	2.0	.3	.1											200	200	173	77			
42/ 41	.7	1.8	1.3	2.8	1.6	.5												210	210	214	128			
40/ 39	.5	2.3	2.1	2.7	1.6	.2												229	229	220	125			
38/ 37	.3	1.8	1.3	2.4	1.5	.0												176	176	212	139			
36/ 35	.2	1.7	1.5	2.5	1.0													166	166	235	145			
34/ 33	.3	1.1	1.5	1.8	.5													124	124	188	169			
32/ 31	.1	.2	1.1	1.8	.2													86	86	160	159			
30/ 29	.2	.2	.8	.7	.1													50	50	139	161			
28/ 27	.0	.2	.7	.3														31	31	91	154			
26/ 25	.1	.2	.6	.0														23	23	75	135			
24/ 23		.3	.6	.1														24	24	42	114			
22/ 21	.0	.2	.3															15	15	25	106			
20/ 19	.0	.1	.2															8	8	22	91			
18/ 17		.0																1	1	9	92			
Element (X)	Σ X ²		Σ X		X		Σ X		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total							
Dry Bulb																								
Wet Bulb																								
Dew Point																								

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

MAR

MONTH

0900-1100

HOURS (L, S, T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13707 DOVER AFB DELAWARE

43-46, 51-72

MAR

STATION

STATION NAME

YEARS

MONTH

PAGE 1 1200-1400

HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL																									
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																												
88/ 87											.1							3	3																													
86/ 85										.0								1	1																													
84/ 83										.1	.1	.0						5	5																													
82/ 81										.1	.0	.0						4	4																													
80/ 79								.0	.0			.1						4	4																													
78/ 77								.1		.0	.1	.1	.0	.0				10	10																													
76/ 75					.0	.1	.2	.2	.2	.2	.2	.1						25	25																													
74/ 73					.1	.2	.4	.3	.2	.3	.0							37	37																													
72/ 71					.0	.1	.2	.2	.1	.2								22	22																													
70/ 69			.1	.0	.2	.2	.2	.3	.2	.1								34	34																													
68/ 67			.0	.2	.3	.2	.2	.3	.1									35	35	11																												
66/ 65			.1	.5	.2	.4	.2	.4	.5	.1								55	55	13																												
64/ 63		.2	.0	.0	.3	.3	.4	.2	.1	.0								42	42	17	4																											
62/ 61		.0	.3	.5	.2	.4	.7	.5	.0	.0								68	68	46	8																											
60/ 59		.2	.5	.3	.4	.5	.4	.4	.1									68	68	49	13																											
58/ 57	.0	.3	.4	.3	.5	.5	.5	.5	.0									75	75	43	32																											
56/ 55	.2	.3	.2	.7	.9	.9	1.0	.3										109	109	88	42																											
54/ 53	.1	.4	.4	.8	.7	1.4	1.7	.2										140	140	60	48																											
52/ 51	.0	.4	.7	1.0	1.5	1.7	1.0	.1										153	153	70	57																											
50/ 49	.2	.6	.7	.9	1.7	1.7	.6	.0										158	158	100	44																											
48/ 47	.4	.5	.8	1.8	1.8	1.3	.6	.1										179	179	126	54																											
46/ 45	.2	1.7	.7	1.7	2.0	1.5	.3											195	195	150	64																											
44/ 4	.2	1.7	.8	1.5	2.0	1.1	.0											179	179	201	106																											
42/ 4	.5	1.4	1.3	1.8	1.5	1.1												185	185	252	134																											
40/ 39	.6	1.7	1.0	1.4	2.5	.4												180	180	219	135																											
38/ 37	.2	1.6	1.2	1.7	1.4	.2												152	152	209	118																											
36/ 35	.4	1.1	.5	1.5	.7	.1												100	100	213	158																											
34/ 33	.2	.9	.5	.9	.2													67	67	161	160																											
32/ 31	.3	.2	.4	.6	.1													39	39	148	167																											
30/ 29	.0	.2	.5	.4	.0													30	30	93	164																											
28/ 27	.0	.2	.8	.2														31	31	48	129																											
26/ 25		.1	.4	.1														13	13	39	138																											
24/ 23		.2	.1	.0														7	7	31	136																											
22/ 21	.0	.1																3	3	18	103																											
Element (X)	Σ x ²				Σ x				x̄				σ _x				No. Obs.				Mean No. of Hours with Temperature																											
Rel. Hum.																					≥ 0 F				≥ 32 F				≥ 67 F				≥ 73 F				≥ 80 F				≥ 93 F				Total			
Dry Bulb																																																
Wet Bulb																																																
Dew Point																																																

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

13707
STATIC

DUVEL AFB DELAWARE
STATION 4

43-46, 51-72

MAR
MONTH

PAGE 2

1200-1400
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

MAR
MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

[illegible]

3

MAR
MONTH

43-46, 51-72

STATION

STATION NAME

YEARS

MONTH

1500-1700

HOURS (L. S. T.)

[illegible]

USAFETAC
FORM 0.26-5 (OLA)
JUL 04
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13707
STATION

DOVER AFB DELAWARE
STATION NAME

43-46,51-72
YEARS

YEAR

MAR
MONTH

PAGE 1

1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL D.B./W.B.	TOTAL										
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																				
78/ 77						.0												1													1									
76/ 75						.1												2													2									
74/ 73					.1	.1		.0										5													5									
72/ 71					.0	.1		.0	.0	.0								6													6									
70/ 69			.0		.2	.0	.1	.0	.1									12													12									
68/ 67			.0	.1	.2	.2	.0	.1	.0									16													16		1							
66/ 65			.1	.2	.3	.1	.2	.0										24													24	7								
64/ 63		.1	.0	.2	.1	.1	.2	.0	.0									19													19	3	2							
62/ 61	.0	.4	.2	.5	.2	.1	.2	.1										43													43	19	4							
60/ 59	.0	.4	.2	.5	.4	.4	.4	.0										57													57	20	12							
58/ 57	.1	.5	.5	.2	.5	.2	.1											48													48	42	27							
56/ 55	.2	.2	.3	.6	.7	.6	.1	.1										68													68	40	22							
54/ 53	.2	.5	.3	.8	.7	.5	.4	.0										86													86	51	44							
52/ 51	.2	.5	.8	.4	.7	.6	.2	.0										86													86	53	32							
50/ 49	.4	.6	1.1	1.4	.8	.5	.3											121													121	81	46							
48/ 47	.1	1.1	1.5	1.4	1.4	1.0	.1	.0										160													160	99	42							
46/ 45	.5	2.2	1.8	1.7	1.4	.7	.1											205													205	119	67							
44/ 43	.3	3.1	2.1	2.6	1.9	1.0	.1											269													269	166	103							
42/ 41	.6	2.6	2.3	2.3	1.3	.7												236													236	222	131							
40/ 39	.6	3.2	2.8	2.4	1.7	.2												260													260	240	154							
38/ 37	.4	2.5	1.8	1.9	1.2	.2												195													195	264	158							
36/ 35	.6	1.8	2.6	1.7	.8													181													181	259	182							
34/ 33	.2	1.1	1.2	1.5	.4													106													106	210	168							
32/ 31	.4	.5	.9	.8	.1													66													66	185	183							
30/ 29			1.1	.7														42													42	104	136							
28/ 27	.1	.1	.9	.5														39													39	74	156							
26/ 25	.1	.2	.6	.1														25													25	61	145							
24/ 23		.4	.2															15													15	37	95							
22/ 21		.1	.2															7													7	36	85							
20/ 19		.1	.1															6													6	5	78							
18/ 17																																	7	81						
16/ 15																																	1	96						
14/ 13																																		53						
12/ 11																																		44						
Element (X)	ΣX^2					ΣX					\bar{X}					σ_x					No. Obs.					Mean No. of Hours with Temperature														
Rel. Hum.																										≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb																																								
Wet Bulb																																								
Dew Point																																								

USAFETAC FORM 0-26-5 (OL A) REISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

PSYCHROMETRIC SUMMARY

43-45, 51-72

PAGE 2	MAP MONTH 1800-2000 HOURS (L. S. T.)
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Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
10 / 9																					27	
8 / 7																					14	
6 / 5																					6	
4 / 3																					5	
2 / 1																					8	
TOTAL	5.2	22.2	4.0	2.5	15.2	7.4	2.6	.7	.2	.0									2406		2406	
																		2406		2406		

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13707 STATION DOVER AFB DELAWARE

43-46, 51-72 YEARS

MAR MONTH

PAGE 1 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
70/ 69					.2	.1													7	7				
68/ 67			.0	.1	.2	.0	.0												10	10				
66/ 65			.2	.0	.1	.0													10	10				
64/ 63		.0	.1	.1	.2	.0	.1												14	14	4			
62/ 61	.0	.2	.2	.4	.0	.0	.0												24	24	18	3		
60/ 59	.0	.3	.5	.1	.1	.5	.0												36	36	12	13		
58/ 57	.0	.7	.2	.2	.1	.2	.1												37	37	25	18		
56/ 55	.2	.4	.5	.5	.3	.2													50	50	44	22		
54/ 53	.3	.7	.5	.5	.3	.1													59	59	40	35		
52/ 51	.0	.5	.6	.7	.9	.2													68	68	36	39		
50/ 49	.2	.5	.8	.7	.3	.1	.0												63	63	61	37		
48/ 47	.5	1.0	1.1	1.0	.7	.3													111	111	62	38		
46/ 45	1.0	2.1	1.7	1.3	1.0	.3													178	178	116	68		
44/ 43	.5	2.7	2.3	1.4	.9	.1													190	190	140	92		
42/ 41	.9	2.9	2.8	2.1	1.0	.2													241	243	167	113		
40/ 39	.6	3.6	3.6	3.5	.7	.2													294	294	198	139		
38/ 37	.5	3.0	3.3	2.0	.8														231	231	73	134		
36/ 35	.6	3.5	3.1	2.4	.5														242	242	272	157		
34/ 33	.4	2.1	2.5	1.8	.2														168	168	261	200		
32/ 31	.4	1.2	1.6	1.7	.2														123	123	200	176		
30/ 29	.2	.9	2.0	1.0															99	99	166	172		
28/ 27	.1	.4	1.5	.4															57	57	110	156		
26/ 25	.1	.4	.7	.1															31	31	101	145		
24/ 23		.5	.7	.1															30	30	61	112		
22/ 21	.0	.4	.1																14	14	36	90		
20/ 19	.0	.3	.3																16	16	25	89		
18/ 17		.0	.0																2	2	11	99		
16/ 15																					6	89		
14/ 13																						71		
12/ 11																						34		
10/ 9																						23		
8/ 7																						17		
6/ 5																						14		
4/ 3																						7		
Element (X)	Σ X ²		Σ X		X̄		s _x		No. Obs.		Mean No. of Hours with Temperature							Total						
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F								
Dry Bulb																								
Wet Bulb																								
Dew Point																								

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

3

PSYCHROMETRIC SUMMARY

13707 DOVER AFB DELAWARE
STATION STATION N

43-46, 51-72.

MAR
MONTH

PAGE 2 2100-2300
HOURS (L. S. T.)

[illegible]

3

1

APR
MCMX

MANAGEMENT

0000-0200
HOURS (L. S. T.)

USAFETAC FORM 0.26-5 (OL-A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YFARS

APR
MONTH

0000-0200
HOURS (L. S. T.)

[illegible]

3

1

43-46, 51-72

YEARS

(

0300-0500
HOURS (L. S. T.)

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

APR
MONTH

0300-0500
HOURS (L. S. T.)

[illegible]

USAFETYAC FORM 0.26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

3

PSYCHROMETRIC SUMMARY

43-46, 51-72

APR

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0600-0800

HOURS (L, S, T.)

USAFETAC FORM 0-26-5 (QLA)

3

10

APR
MONTH

STATION

STATION NAME

YEARS

MONTH

0600-0800

HOURS (L, S, T.)

USAFETAC FORM 0-26.5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13707 DOVER AFB DELAWARE

43-46,51-72

APR

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
86/ 85										.0								1	1		
84/ 83								.0	.0	.1	.0							8	8		
82/ 81							.1	.0	.1	.0								3	8		
80/ 79					.0		.2	.3	.2	.0	.0							17	17		
78/ 77					.1	.3	.1	.2	.1	.1	.0	.0						24	24		
76/ 75				.0	.2	.4	.2	.3	.1	.0	.0							30	30		
74/ 73				.3	.3	.6	.3	.3	.1	.1								49	49		
72/ 71			.1	.3	1.1	.3	.3	.6	.3	.0								71	71	4	
70/ 69		.0	.2	.2	.5	.6	.4	.3	.4	.1								63	63	10	
68/ 67		.0	.2	.4	.4	.7	.4	.4	.2									65	65	34	
66/ 65		.3	.4	.9	.4	.5	.6	.5	.1									87	87	50	12
64/ 63		.4	.5	.3	.7	.6	.4	.4	.0									76	76	72	30
62/ 61	.0	.3	.3	.8	.8	.9	.7	.5	.1									105	105	64	41
60/ 59	.1	.6	.7	1.2	1.2	1.0	1.2	.4	.2									154	154	92	74
58/ 57	.4	.8	1.0	1.0	1.2	1.5	1.0	.3	.1									169	169	96	70
56/ 55	.4	2.0	.5	1.9	1.2	1.6	1.3	.2										213	213	146	88
54/ 53	.6	1.3	1.2	1.0	1.7	2.2	1.0	.1										213	213	167	109
52/ 51	.5	1.3	.9	1.4	2.1	2.1	.4											202	202	159	105
50/ 49	.2	1.2	.9	1.4	2.2	1.9	.2											186	186	195	131
48/ 47	.3	2.1	1.0	1.6	1.9	1.0	.0											186	186	178	130
46/ 45	.2	1.0	.8	1.9	1.6	.6	.1											144	144	244	137
44/ 43	.2	1.2	.6	.8	1.3	.3												101	101	219	157
42/ 41	.1	.4	.3	.9	1.0	.2												65	65	197	119
40/ 39	.1	.2	.3	.3	.5	.1												34	34	150	133
38/ 37	.0	.3	.3	.3	.3													20	20	84	135
36/ 35	.0	.0	.2	.4	.1													19	19	79	131
34/ 33		.0	.1	.1	.0													7	7	33	148
32/ 31		.0																1	1	29	128
30/ 29			.1															2	2	10	106
28/ 27			.0															1	1	6	90
26/ 25																				3	87
24/ 23																					58
22/ 21																					
20/ 19																					20
Element (X)	ΣX^2		ΣX		\bar{X}		σ_x		No. Obs.		Mean No. of Hours with Temperature										
Rel. Hum.											≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total				
Dry Bulb																					
Wet Bulb																					
Dew Point																					

REVISOR PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FORM 0-26-5 (OL A) JUL 64

USAFETAC

3

APR

YEARS

MONTH

0900-1100

HOURS (L, S, T.)

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0.26.5 (OL A)

FORM 1041-A

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13707
STATION

DOVER AFB DELAWARE
STATION NAME

43-46, 51-72
YEARS

APR
MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point						
90/ 89											.0							1	1								
88/ 87									.1		.2							6	6								
86/ 85						.0	.0	.0	.0	.0	.1	.2	.0					13	13								
84/ 83							.0	.2	.2	.4	.2	.0						24	24								
82/ 81						.0	.3	.3	.4	.4	.3	.1						44	44								
80/ 79						.1	.3	.2	.3	.2	.1		.1					29	29								
78/ 77						.2	.4	.3	.3	.2	.2	.2						42	42	1							
76/ 75				.0	.3	.5	.8	.3	.3	.6	.3							77	77	1							
74/ 73				.2	.3	.3	.5	.4	.6	.6	.1							73	73		1						
72/ 71			.0	.3	.3	.4	.3	.3	.5	.4	.0	.0						62	62		8						
70/ 69			.2	.6	.9	.5	.3	.5	.4	.1								79	79	22	1						
68/ 67		.1	.6	.4	.3	.4	.5	.6	.5	.2								83	83	45	4						
66/ 65	.0	.1	.6	.2	.6	.9	.5	.6	.6	.1								103	103	79	17						
64/ 63		.1	.3	.4	1.1	.6	.6	1.4	.6	.1								125	125	98	35						
62/ 61		.3	.3	.8	.6	1.1	.9	.9	.8	.1								138	138	85	50						
60/ 59	.0	.7	.8	.9	1.0	1.8	1.4	.9	.3									185	185	81	62						
58/ 57	.1	1.0	.7	.8	1.3	1.6	1.6	.7	.1									181	181	126	81						
56/ 55	.4	1.2	1.0	.9	1.2	2.2	1.6	.6										210	210	174	107						
54/ 53	.3	1.0	.8	.9	.9	1.9	1.6											176	176	156	95						
52/ 51	.2	1.2	.9	1.2	1.6	1.5	.8	.1										176	176	184	119						
50/ 49	.1	.9	.9	.9	1.6	1.0	.6	.0										157	157	207	117						
48/ 47	.2	1.5	.9	.7	1.4	1.0	.4											143	143	220	125						
46/ 45	.0	.4	.3	.5	.5	.4												50	50	230	140						
44/ 43	.3	.9	.3	.2	.9	.2	.0											68	68	196	142						
42/ 41	.1	.7	.1	.1	.4	.2												37	37	153	140						
40/ 39		.1	.4	.0	.3	.0												22	22	117	131						
38/ 37		.1		.2														7	7	58	140						
36/ 35	.0			.1	.0													5	5	44	140						
34/ 33	.0	.0	.0															3	3	15	142						
32/ 31			.0	.0														2	2	15	100						
30/ 29																				4	106						
28/ 27																				2	91						
26/ 25																					87						
24/ 23																					54						
Element (X)	Σ x ²				Σ x				x̄				s _x				No. Obs.				Mean No. of Hours with Temperature						
Rel. Hum.																					≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb																											
Wet Bulb																											
Dew Point																											

USAFETAC FORM 0-26-5 (OL A) JUL 64 REWISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

3

3

YEARS

PAGE 2

1200-1400
HOURS (L. S. T.)

0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13707 DUVER AFB DELAWARE
STATION STATION NAME

43-46, 51-72
YEARS

APR
MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B.-W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb		Wet Bulb		Dew Point			
90/ 89											.0	.0						2	2						
88/ 87											.1	.0						3	3						
86/ 85								.1	.2	.0	.1	.2						15	15						
84/ 83							.0	.1	.3	.2	.2	.0						23	23						
82/ 81							.0	.2	.3	.3	.6	.0						34	34						
80/ 79						.1	.4	.3	.4	.3	.2	.2	.0					44	44						
78/ 77					.1	.1	.5	.4	.2	.3	.3	.2						48	48						
76/ 75					.3	.4	.2	.4	.4	.1								43	43						
74/ 73			.0	.2	.3	.4	.3	.3	.3	.5	.3							62	62						
72/ 71			.0	.2	.2	.5	.3	.5	.6	.3	.1	.0						64	64			4			
70/ 69			.3	.5	.5	.5	.4	.4	.7	.4	.1							93	93	23					
68/ 67		.0	.5	.4	.1	.5	.5	.3	.9	.3								86	86	35	4				
66/ 65	.0	.3	.7	.3	.1	.0	.8	.9	.7	.3								113	113	66	12				
64/ 63	.0	.4	.4	.4	.6	.6	1.3	.4	.2									119	119	106	24				
62/ 61		.3	.9	1.0	.8	.4	1.3	1.3	.7	.2								151	151	70	64				
60/ 59	.0	.5	.9	1.3	.9	1.1	1.9	1.0	.3									185	185	94	52				
58/ 57	.2	.8	1.2	.9	.8	1.6	1.1	1.0	.0									178	178	113	80				
56/ 55	.3	1.0	.8	1.3	1.2	1.5	2.5	.7										214	214	167	78				
54/ 53	.3	1.3	1.3	1.2	1.0	1.8	1.1	.4	.0									195	195	172	105				
52/ 51	.2	1.0	1.1	1.1	1.2	1.3	.6	.3										155	155	192	135				
50/ 49	.0	1.2	2.2	.8	1.3	1.3	.6											172	172	218	109				
48/ 47	.1	1.2	.7	.8	1.2	.8	.3											118	118	252	132				
46/ 45	.1	1.2	.6	.5	.3	.4												72	72	222	135				
44/ 43	.2	.9	.4	.2	.6	.1												54	54	221	145				
42/ 41	.1	.5	.3	.1	.3	.2	.0											35	35	140	160				
40/ 39	.1	.5	.3		.1	.1												24	24	106	147				
38/ 37		.1		.1	.1	.0												9	9	59	148				
36/ 35			.0	.1														1	3	28	164				
34/ 33			.1															2	2	11	127				
32/ 31		.0																1	1	12	97				
30/ 29																					5	92			
28/ 27																					1	81			
26/ 25																							71		
24/ 23																							58		
Element (X)	Σ X ²					Σ X					X̄					s _x					No. Obs.				
Rel. Hum.																					Mean No. of Hours with Temperature				
																					≤ 0 F				
Dry Bulb																					≤ 32 F				
Wet Bulb																					≥ 67 F				
Dew Point																					≥ 73 F				
																					≥ 80 F				
																					≥ 93 F				
																					Total				

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

APR

YEARS

1500-1700

HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
22/ 21																					37		
20/ 19																					25		
18/ 17																					13		
16/ 15																					18		
14/ 13																					2		
10/ 9																					1		
8/ 7																					1		
TOTAL	1.6	1.5	12.3	11.4	11.6	14.5	13.7	9.8	6.6	3.8	2.2	.8	.0						2317		2317		
																		2317		2317			

USAFETAC FORM 0-26 5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13707
STATION

DOVER AFB DELAWARE
STATION NAME

43-46, 51-72
YEARS

APR
MONTH

PAGE 1

1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL															
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																												
86/ 85												.0						1	1																													
84/ 83											.0							1	1																													
82/ 81									.0		.0	.0						3	3																													
80/ 79								.0	.0	.2	.1							2	2																													
78/ 77					.0	.1	.3	.2	.1	.2	.0							23	23																													
76/ 75					.0	.3	.3	.2	.1		.0	.0						24	24																													
74/ 73				.0	.1	.4	.5	.1	.4	.1								39	39																													
72/ 71			.0	.1	.5	.5	.1	.2	.3	.1	.1							44	44																													
70/ 69			.3	.2	.3	.6	.2	.3	.1		.1							47	47	2																												
68/ 67		.1	.4	.3	.4	.2	.6	.4	.2	.0								60	60	12	1																											
66/ 65	.0	.3	.7	.6	.3	.4	.2	.5	.2	.1								75	75	37	8																											
64/ 63	.1	.8	.6	.5	.4	.7	.4	.6	.0	.0								97	97	60	18																											
62/ 61	.1	.6	.5	.2	.5	.5	.7	.4	.3									90	90	98	46																											
60/ 59	.1	.8	.7	.6	.7	.8	.9	.3	.2									116	116	72	61																											
58/ 57	.5	.6	1.1	.8	1.2	1.1	.9	.6	.0									160	160	83	70																											
56/ 55	.6	1.3	1.3	.9	1.3	1.3	.6	.3										177	177	116	83																											
54/ 53	.7	1.7	1.7	1.3	1.3	1.3	.7	.0										215	215	141	96																											
52/ 51	.4	2.1	1.9	1.4	1.6	1.4	.4	.0										218	218	162	99																											
50/ 49	.3	2.5	2.3	1.6	2.4	.9	.5	.0										244	244	204	105																											
48/ 47	.3	1.8	2.2	1.9	2.0	1.3	.2											223	223	241	151																											
46/ 45	.2	2.2	2.3	1.5	.9	.8	.1											185	185	240	143																											
44/ 43	.2	1.2	1.4	1.1	.9	.3												119	119	252	178																											
42/ 41	.1	.8	.7	.6	.4	.1												64	64	204	170																											
40/ 39	.1	.4	.4	.4	.3	.0	.0											39	39	158	154																											
38/ 37		.3	.2	.2	.1		.0											20	20	100	160																											
36/ 35		.2	.2	.3	.1													16	16	69	149																											
34/ 33	.0	.1	.1	.0		.0												8	8	31	145																											
32/ 31																				18	127																											
30/ 29		.1																3	3	14	72																											
28/ 27																				5	58																											
26/ 25																					66																											
24/ 23																					60																											
22/ 21																					37																											
20/ 19																					19																											
Element (X)	Σ x'				Σ x				x̄				n _x				No. Obs.				Mean No. of Hours with Temperature																											
Rel. Hum.																					≤ 0 F				≤ 32 F				≤ 67 F				≥ 73 F				≥ 80 F				≥ 93 F				Total			
Dry Bulb																																																
Wet Bulb																																																
Dew Point																																																

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

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43-46, 51-72

YEARS

APR
MONTH

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USAFETAC FORM JUL 64

3

APR
MONTH

2100-2300
HOURS (L. S. T.)

USAFETAC FORM 0-26-5 (Q1 A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

43-46, 51-72

APR
MONTH

PAGE 2

2100-2300
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL			
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point
4/ 3																					1
2/ 1																					1
0/ -1																					1
TOTAL	5,424.3	23,321.4	15.1	6.6	2.0	.9	.3	.1										2317		2316	
																		2317		2317	
																			</		

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13707 DIVER AFB DELAWARE

43-46, 51-72

MAY

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0000-0200
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point		
80/ 79					.2	.0	.1	.0										1	1				
78/ 77				.2	.0	.0	.1	.0										5	5				
76/ 75				.2	.4	.1	.1	.1	.0									25	25				
74/ 73			.2	.4	.1	.1	.1	.1	.0									54	54	5	1		
72/ 71	.0	.2	.7	.6	.3	.3	.0	.0										83	83	22	5		
70/ 69	.0	1.0	1.2	.7	.5	.1	.0											86	86	70	46		
68/ 67	.2	1.0	1.2	.5	.3	.1	.1	.0										142	144	97	59		
66/ 65	.2	2.7	1.3	.9	.5	.2	.2		.0									178	178	136	122		
64/ 63	1.0	2.7	1.8	1.2	.5	.2	.1											158	159	152	131		
62/ 61	.4	3.2	1.6	1.4	.7	.2	.2											229	230	195	172		
60/ 59	1.8	3.4	1.8	1.5	.5	.5	.0											227	227	203	158		
58/ 57	.9	3.5	2.5	1.2	.7	.4	.2											248	248	207	194		
56/ 55	1.1	3.5	2.7	1.9	.7	.4												222	222	221	167		
54/ 53	1.0	3.1	2.5	1.6	.9	.0	.0	.0										181	181	191	187		
52/ 51	.3	2.7	2.6	1.2	.6		.0											211	211	228	177		
50/ 49	.4	2.7	3.4	1.3	.7	.2												118	119	216	159		
48/ 47	.2	1.9	1.6	1.0	.1	.1												105	105	176	197		
46/ 45	.2	1.9	1.2	1.0	.1													55	55	107	171		
44/ 43	.1	.7	.8	.5	.2													22	22	84	11		
42/ 41		.3	.2	.3	.1													5	5	55	98		
40/ 39			.1	.1														5	5	18	70		
38/ 37		.0	.1	.1														2	2	9	63		
36/ 35			.0	.0																7	45		
34/ 33																				2	24		
32/ 31																					8		
30/ 29																					12		
28/ 27																					11		
26/ 25																					7		
24/ 23																					1		
22/ 21																							
TOTAL	7.9	34.7	27.7	17.5	7.8	2.8	1.3	.2	.1									2401	2406	2401	2401		
Element (X)	Σ x ²		Σ x		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature						Total						
Rel. Hum.	15877770		192400		80.1		13.846		2401		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	93						
Dry Bulb	7950111		137133		57.0		7.466		2406				10.2	1.5			93						
Wet Bulb	7019812		128552		53.5		7.556		2401			.1	3.8				93						
Dew Point	6337622		121404		50.6		9.105		2401			2.4	2.0				93						

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13707 DUVER AFB DELAWARE

43-46, 51-72

MAY

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0300-0500

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
76/ 75				.1				.0										4	4					
74/ 73				.1	.1	.1	.1											9	9					
72/ 71		.2	.3	.4	.1	.1			.0									29	29					
70/ 69		.9	.6	.5	.3			.0										57	57	16	3			
68/ 67	.2	1.8	1.2	.6	.1		.0											97	97	56	41			
66/ 65	.6	2.7	1.3	.5	.1													124	125	81	55			
64/ 63	.9	2.8	1.4	.7	.2	.2												147	148	138	106			
62/ 61	.7	3.2	1.6	1.0	.2	.1												165	160	152	127			
60/ 59	1.8	4.1	2.0	1.5	.4	.1												239	241	175	177			
58/ 57	1.4	3.4	1.7	.7	.5	.1												167	188	181	169			
56/ 55	1.0	4.0	3.0	1.5	.7	.2	.0											251	252	217	140			
54/ 53	1.2	4.0	2.2	1.5	.4	.3												232	234	191	212			
52/ 51	.8	3.1	2.9	1.1	.2	.1												198	198	221	169			
50/ 49	.4	3.0	2.6	.9	.5	.0												179	179	199	189			
48/ 47	.0	3.4	2.2	1.3	.2													182	182	200	151			
46/ 45	.4	2.9	1.5	.4	.1													126	126	183	197			
44/ 43	.2	1.5	1.1	.5	.2													82	82	166	180			
42/ 41	.2	.8	.8	.5														55	55	91	135			
40/ 39		.2	.3	.2														18	18	60	94			
38/ 37		.1	.2	.1														10	10	30	69			
36/ 35		.1	.2															7	7	28	73			
34/ 33			.0	.1														3	3	9	34			
32/ 31																				4	28			
30/ 29																				3	21			
28/ 27																					10			
26/ 25																					11			
24/ 23																					6			
22/ 21																					2			
20/ 19																					2			
TOTAL	10.2	42.3	27.2	14.2	4.4	1.4	.2	.1	.0										2401	2410		2401		
																		2401		2401				
Element (X)	Σ X ²			Σ X			Σ			Σ X			No. Obs.			Mean No. of Hours with Temperature							Total	
Rel. Hum.	16952608			199536			83.1			12.418			2401			≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F			
Dry Bulb	7556883			133713			55.5			7.573			2410					7.6	.5			93		
Wet Bulb	6804038			126438			52.7			7.793			2401					.3	2.8			93		
Dew Point	6242334			120438			50.2			9.151			2401					3.1	1.7			93		

USAFETAC FORM 0-26-5 (OL A) REVISÉ PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

MAY
MONTH

PAGE 1 0600-0800
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

PAGE 1 0900-1100
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

MAY
MONTH

PAGE 2 0900-1100
HOURS (L. S. T.)

[illegible]

USAFETAC
FORM
JUL 64
0-26.5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13707 DOVER AFB DELAWARE

43-46, 51-72

MAY
MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point					
96/ 95											.1	.0						3	3						
94/ 93										.0	.1							7	3						
92/ 91										.1	.1	.1						8	8						
90/ 89									.2	.3	.3	.1						19	19						
88/ 87							.1	.4	.4	.5	.2	.2	.0					42	42						
86/ 85						.0	.3	.7	.6	.2	.3		.1					54	54						
84/ 83					.1	.3	.8	.9	.9	.3	.2	.2						84	84						
82/ 81			.0	.2	.7	.8	1.0	.5	.2	.3	.1	.0						90	90						
80/ 79			.2	.4	.8	.8	.7	.7	.4	.5	.1	.0						111	111						
78/ 77			.3	.6	1.0	.8	1.0	.5	1.0	.3								134	134						
76/ 75		.0	.5	.8	1.2	1.3	1.1	.5	.3	.0								136	136	18					
74/ 73		.1	.2	1.0	.6	.9	.9	.7	.5	.1								141	142	47	3				
72/ 71	.0	.3	.7	1.0	.9	1.0	1.6	.9	1.1	.3	.2							191	192	101	13				
70/ 69		.4	1.0	1.0	1.4	1.7	1.2	1.2	1.2	.4	.0							226	228	143	42				
68/ 67	.0	.1	1.5	1.2	1.0	1.3	1.5	1.0	.7	.2								204	204	169	80				
66/ 65		.6	1.1	.8	.9	1.3	1.3	.5	.5									169	169	167	105				
64/ 63	.0	.9	.6	.8	.8	1.1	1.1	.5	.2	.0	.0							148	148	196	139				
62/ 61	.1	1.1	.6	.9	.9	1.2	1.1	.5	.2									156	156	246	196				
60/ 59	.1	1.1	1.0	.8	.9	1.4	1.3	.3	.0									163	163	212	161				
58/ 57	.2	.7	.5	.6	1.4	.8	.7	.2										121	121	209	163				
56/ 55		.8	.6	.3	.7	.7	.5	.1										86	86	234	155				
54/ 53		.6	.4	.1	.3	.1	.2											41	41	174	179				
52/ 51	.0	.7	.3	.3	.3	.1	.1											42	42	172	166				
50/ 49	.0	.3	.1	.0			.0											14	14	128	150				
48/ 47		.2	.1															8	8	90	135				
46/ 45		.0			.1													3	3	61	151				
44/ 43				.0														1	1	21	135				
42/ 41																				4	107				
40/ 39																				3	87				
38/ 37																				3	69				
36/ 35																					52				
34/ 33																					49				
32/ 31																					17				
30/ 29																					15				
Element (X)	Σx^2		Σx		\bar{x}		σ_x		No. Obs.		Mean No. of Hours with Temperature												Total		
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F					Total				
Dry Bulb																									
Wet Bulb																									
Dew Point																									

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

13707
STAT

DOVER AFB DELAWARE

43-46, 51-72

MAY

MONTH

PAGE 2

1200-1400

HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0.26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13707

DOVER AFB DELAWARE

43-46, 51-72

MAY

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1500-1700

HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-19	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31					Dry Bulb	Wet Bulb	Dew Point
98/ 97												.0									1	1		
94/ 93												.1	.0								3	3		
92/ 91												.1	.0								12	12		
90/ 89									.0	.2	.5	.0	.1								20	20		
88/ 87							.0	.5	.2	.3	.0	.1	.1	.0							34	34		
86/ 85						.0	.2	.5	.4	.4	.4	.1	.0	.0							51	51		
84/ 83					.0	.1	.6	.7	.7	.4	.3	.1	.2								84	84		
82/ 81				.0	.1	.6	.6	.7	.5	.4	.2	.2	.1								85	85		
80/ 79				.1	.5	.8	.5	1.0	.7	.7	.6										119	119		
78/ 77				.3	1.0	.7	.8	.6	1.2	.3	.4	.1									136	136	1	
76/ 75			.3	.7	.7	1.0	.7	1.2	.8	.5	.2										147	147	10	
74/ 73			.2	.9	.9	.8	.8	.7	.6	.6	.2	.0									140	140	46	
72/ 71		.1	.7	.6	.7	1.1	1.0	1.1	1.1	.7	.0										174	174	113	12
70/ 69	.0	.2	1.2	.7	.7	1.2	1.5	1.0	.8	.3											104	184	128	37
68/ 67		.5	.8	1.2	1.4	1.5	1.1	.9	.5	.0											191	191	145	92
66/ 65		1.1	1.3	1.2	1.5	.7	1.2	1.0	.4	.0											201	201	176	113
64/ 63	.2	1.1	.9	1.0	.8	1.3	1.1	.7	.5	.1											180	180	135	136
62/ 61	.2	1.2	.6	.9	1.2	1.1	1.0	.2	.2												159	159	245	148
60/ 59	.2	1.1	.6	.9	1.1	1.1	1.1	.2	.1												153	153	239	181
58/ 57	.3	1.2	1.0	.9	1.0	.7	.4	.3	.0												139	139	240	154
56/ 55	.0	.6	.8	.6	.5	.5	.3	.1													82	82	220	159
54/ 53	.1	.2	.5	.2	.2	.2	.1	.0													39	39	183	180
52/ 51	.2	.4	.2	.1	.2	.0															28	28	177	188
50/ 49	.1	.6	.4	.1																	27	27	125	151
48/ 47		.2																			4	4	92	159
46/ 45		.3																			7	7	32	136
44/ 43		.0		.0																	2	2	30	126
42/ 41				.0																	1	1	7	122
40/ 39			.0																		1	1		89
38/ 37																							3	65
36/ 35																								63
34/ 33																								36
32/ 31																								15
30/ 29																								13
Element (X)	Σx^2		Σx		\bar{x}		σ_x		No. Obs.		Mean No. of Hours with Temperature												Total	
Rel. Hum.											≤ 0 F	≤ 32 °	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F								
Dry Bulb																								
Wet Bulb																								
Dew Point																								

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

PSYCHROMETRIC SUMMARY

MAY

YEARS

1500-1700

HOURS (L, S, T.)

[illegible]

3

YEARS

MONTH

DOVER AFB DELAWARE
STATION NAME

43-46, 51-72

MAY
MONTH

PAGE 1

1800-2000
HOURS (L. S. T.)

USAFETAC FORM 0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

MAY
MONTH

1800-2000

HOURS (L, S, T)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13707 DUVER AFB DELAWARE
STATION STATION NAME

16,51-72
YEARS

JUN
MONTH

PAGE 1 0000-0200
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point	2288	2288	2288	2288			
86/ 85					.1													2	2									
84/ 83				.0														1	1									
82/ 81			.1	.1	.1	.0	.0											8	8									
80/ 79		.1	.4	.2	.3	.2	.0											29	29	1	1							
78/ 77		.3	1.1	.7	.2	.0	.0											54	54	10	3							
76/ 75		.7	2.2	.8	.3	.1	.1											99	99	19	13							
74/ 73		2.2	2.3	.8	.4	.3	.1											141	141	61	39							
72/ 71	.4	4.6	3.3	1.1	.2	.2	.2											234	234	157	95							
70/ 69	.7	6.2	3.1	1.5	.1	.2	.2											278	280	234	191							
68/ 67	.9	4.8	3.1	1.7	.6	.3	.0											260	260	291	263							
66/ 65	.7	4.2	2.5	1.8	.7	.2												233	234	217	244							
64/ 63	1.1	3.6	2.4	1.5	.3	.1												208	209	228	179							
62/ 61	1.0	3.8	2.9	1.3	.2	.1												214	215	216	211							
60/ 59	.4	3.9	1.9	1.6	.3	.0												186	186	211	183							
58/ 57	.3	2.7	2.2	1.0	.4													154	154	212	193							
56/ 55	.1	1.4	1.3	.3	.3	.0												77	77	145	195							
54/ 53	.2	.8	1.0	.3														57	52	114	143							
52/ 51		.8	.6	.1	.0													34	34	83	109							
50/ 49	.1	.2	.2		.1													14	14	50	78							
48/ 47		.2	.0															5	5	24	72							
46/ 45		.2																5	5	8	28							
44/ 43																				5	23							
42/ 41																				2	16							
40/ 39																					1							
38/ 37																					1							
36/ 35																					1							
34/ 33																					2							
TOTAL	6.0	41.0	30.6	14.9	4.9	1.7	.9											2288	2288	2288	2288							
Element (X)	Σ x'		Σ x		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ			
Rel. Hum.	16548405		193135		84.4		10.360		2288		Σ 0 F		Σ 32 F		Σ 67 F		Σ 73 F		Σ 80 F		Σ 93 F		Total					
Dry Bulb	10005717		150721		63.7		6.562		2293						43.5		13.1		1.0				90					
Wet Bulb	9076180		143316		62.6		6.584		2288						30.4		3.6						90					
Dew Point	856.768		138926		60.7		7.401		2288						23.8		2.2						90					

USAFETAC FORM 0-26-5 (OL A) REVISIO PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

MONTH

HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

JUN
MONTH

PAGE 1 0600-0800
HOURS (L. S. T.)

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13707
STATION

DOVER AFB DELAWARE
STATION NAME

43-46, 51-72
YEARS

JUN
MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																	
98/ 97												.1																					2	2			
96/ 95										.0	.0																						2	2			
94/ 93								.1	.2	.0	.1	.0																				11	11				
92/ 91							.3	.4	.1	.2	.2	.0																				27	27				
90/ 89					.0	.1	.3	.6	.7	.2	.1	.0																				50	50				
88/ 87				.0	.2	.5	1.2	1.1	.7	.1	.1																					91	91				
86/ 85				.1	.5	1.5	1.9	1.4	.5	.1	.1																					140	140				
84/ 83				.3	.9	1.9	1.3	1.1	.4	.1	.0																					141	141				
82/ 81				.6	.8	2.7	2.2	1.2	1.1	.4	.1	.0																				198	198				
80/ 79			.6	1.8	2.2	1.8	1.4	1.0	.3	.2	.0																					214	214	30	2		
78/ 77		.5	1.7	2.4	1.6	1.0	.5	.9	.3																							206	206	61	7		
76/ 75	.0	.1	1.0	1.7	1.7	1.8	1.1	.8	.3																							200	200	162	37		
74/ 73		.5	1.6	1.4	1.2	1.6	1.7	.6	.3	.1																						205	205	274	85		
72/ 71	.0	.6	.9	1.0	1.5	1.3	.7	.7	.2																							160	160	269	176		
70/ 69	.2	.3	.7	1.6	1.4	1.8	.8	.6	.1																							172	172	236	248		
68/ 67	.2	.3	1.4	1.1	1.4	1.0	.7	.3	.1																							158	158	210	236		
66/ 65	.2	.9	.8	.6	1.0	.7	.3	.4																								111	111	195	209		
64/ 63	.1	.6	.8	.6	.7	.2	.3	.0																								75	75	214	192		
62/ 61	.2	1.1	.3	.6	.4	.3	.0	.0																								67	67	205	188		
60/ 59	.3	.2	.3	.1	.2	.2	.1																									32	32	163	187		
58/ 57	.1	.4	.2		.1	.0																										18	18	112	156		
56/ 55		.3	.1																													9	9	83	140		
54/ 53		.0	.1																													3	3	38	127		
52/ 51																																		23	103		
50/ 49																																		10	53		
48/ 47																																		3	46		
46/ 45																																			44		
44/ 43																																			12		
42/ 41																																			23		
40/ 39																																			15		
38/ 37																																			2		
36/ 35																																			4		
TOTAL	1.4	5.7	9.2	13.6	18.5	18.5	14.5	10.9	5.1	1.7	.8	.2																				2292	2292	2292			
Element (X)	Σ x ²			Σ x			Σ	Σ	No. Obs.			Mean No. of Hours with Temperature										Total															
Rel Hum	9980514			147542			64.4	14.518	2292			≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F																				
Dry Bulb	13224414			173156			75.5	7.896	2292					77.6	58.4	30.7	.6				90																
Wet Bulb	10336292			153186			66.8	6.543	2292					48.9	20.9	.5					90																
Dew Point	8948194			142034			62.0	7.995	2292					31.1	5.1						90																

USAFETAC FORM 0-26-5 (OLA) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13707
STATION

DOVER AFB DELAWARE
STATION NAME

43-46, 51-72
YEARS

JUN
MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point					
100/ 99											.0	.1						4	4						
98/ 97										.1	.2	.3	.0					3	3						
96/ 95							.0	.0	.2	.3	.2	.3	.2					30	30						
94/ 93							.1	.4	.3	.3	.7	.3	.2					50	50						
92/ 91						.0	.2	.7	1.0	1.0	.5	.3	.0	.0				86	86						
90/ 89					.1	.1	.8	1.3	1.4	.7	.4	.3	.1					118	118						
88/ 87					.1	.8	1.8	1.3	1.1	1.3	.3	.1						155	155						
86/ 85					.4	1.7	2.0	1.3	1.3	1.0	.5	.0	.1					193	193						
84/ 83				.0	1.0	2.4	1.4	1.2	1.2	.7	.4	.0						193	193	1					
82/ 81				.3	2.0	1.6	1.3	1.2	.8	.4	.2	.0						181	181	13					
80/ 79			.3	1.2	1.7	1.7	1.2	.9	1.0	.6	.3	.0						203	203	29	2				
78/ 77			.5	1.0	.9	1.4	1.3	1.4	.8	.4	.1							177	177	96	11				
76/ 75	.0	.3	.7	.9	1.0	1.6	1.1	1.2	.7	.1	.2							178	178	215	29				
74/ 73		.2	.7	.6	.8	1.2	1.4	1.0	.6	.2	.1							155	155	318	92				
72/ 71		.3	.6	.3	.6	1.6	1.0	.5	.4									148	148	229	188				
70/ 69	.1	.5	.6	.9	1.1	1.4	.7	.1	.1									127	127	234	240				
68/ 67	.2	.6	1.1	.4	.5	.7	.6	.3	.2									105	105	217	216				
66/ 65	.1	.6	.4	.5	.7	.6	.3	.3	.0									81	81	208	196				
64/ 63	.1	.3	.3	.3	.4	.1	.0	.0										35	35	198	182				
62/ 61	.3	.5	.2	.2	.1	.1	.1											32	32	195	190				
60/ 59	.1	.2	.3	.1		.0	.0											19	19	140	199				
58/ 57		.2	.0	.1														7	7	87	150				
56/ 55	.0	.3	.0															8	8	61	150				
54/ 53	.0																	1	1	32	127				
52/ 51	.0	.1																4	4	13	104				
50/ 49																				7	78				
48/ 47																					38				
46/ 45																					36				
44/ 43																					20				
42/ 41																					19				
40/ 39																					13				
38/ 37																					9				
36/ 35																					4				
Element (X)	ΣX^2		ΣX		\bar{X}		σ_X		No. Obs.		Mean No. of Hours with Temperature														
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb																									
Wet Bulb																									
Dew Point																									

USAFETAC FORM 0-26-5 (OL A) JUL 64

REPLACES PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

JUN
MONTH

1200-1400
HOURS (L. S. T.)

[illegible]

FORM
JUL 64

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13707 DIVER AFB DELAWARE
STATION STATION NAME

42-46, 51-72
YEARS

JUN
MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point								
100/ 99												.0						1	1									
98/ 97									.0	.1	.1	.1	.0	.0				10	10									
96/ 95								.1	.2	.2	.1	.3	.2					25	25									
94/ 93								.2	.5	.3	.4	.3	.0					41	41									
92/ 91							.2	.5	.8	.8	.5	.2	.1					70	70									
90/ 89					.1	.2	.5	1.0	1.1	.7	.5	.4	.0					108	108									
88/ 87					.7	1.6	1.8	.7	.8	.5	.1			.0				143	143									
86/ 85					.7	1.1	1.8	1.5	1.4	1.4	.6	.1	.0					199	199									
84/ 83				.1	.9	1.6	1.9	1.4	1.0	1.1	.3	.3						200	200									
82/ 81				.5	1.5	1.7	1.4	.7	1.1	.3	.2	.1						172	172	7								
80/ 79			.1	1.1	1.8	1.7	.9	1.4	.7	.4	.3	.1						196	196	29	3							
78/ 77		.0	.5	1.3	1.0	1.1	1.5	1.0	.7	.1	.1							168	168	96	1							
76/ 75	.0	.1	.7	1.0	1.0	1.0	1.1	.9	1.2	.6	.2							182	182	179	28							
74/ 73	.1	.2	.8	1.1	1.0	1.5	1.4	.8	.7	.3								180	180	271	86							
72/ 71	.2	.6	.8	.7	1.0	1.4	.8	.3	.2	.1								139	139	267	165							
70/ 69	.1	.7	.7	.9	1.2	.8	1.0	.3	.0	.0								136	136	225	228							
68/ 67	.1	.8	.8	.7	1.1	.9	.3	.2	.2	.0								118	118	242	212							
66/ 65	.2	.8	1.0	.7	.5	.3	.2	.1										89	89	224	224							
64/ 63	.0	.7	.3	.5	.3	.2	.0											47	47	207	183							
62/ 61	.2	.2	.3	.3	.2	.1												27	27	197	194							
60/ 59		.3	.3	.1	.0	.0												16	18	143	157							
58/ 57	.1	.2	.1	.1														13	13	106	208							
56/ 55		.1	.1															4	4	56	174							
54/ 53		.1	.1															4	4	23	111							
52/ 51	.1	.0																3	3	18	90							
50/ 49																			3		81							
48/ 47																					60							
46/ 45																					40							
44/ 43																					15							
42/ 41																					18							
40/ 39																					7							
38/ 37																					3							
36/ 35																					4							
34/ 33																					1							
Element (X)	ΣX ²				ΣX				X̄				σ _x				No. Obs.				Mean No. of Hours with Temperature							
Rel. Hum.																					≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total	
Dry Bulb																												
Wet Bulb																												
Dew Point																												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

43-46, 51-72

JUN

STATION NAME

YEARS

MONTH

PAGE 2

1500-1700

HOURS (L, S, T)

[illegible]

PSYCHROMETRIC SUMMARY

JUN
MONTH

PAGE 1 1800-2000
HOURS (L. S. T.,)

[illegible]

3

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JUN

MONTH

2100-2300

USAFETAC 0.26-5 (OLA) REVISD PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
FORM 64 JUL 64

PSYCHROMETRIC SUMMARY

JUL
MONTH

USAFETAC
FORM
JUL 64
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible]

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6.

USAFETAC FORM 0-26.5 (OLA) REVISIO PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

PSYCHROMETRIC SUMMARY

YEARS

JUL
MON

PAGE 1 0600-0800
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
90/ 89					.0													1	1					
88/ 87					.0	.0	.0											3	3					
86/ 85				.1	.2	.3	.0	.1	.0									17	17					
84/ 83			.1	.3	.8	.3	.3	.1										46	46					
82/ 81		.0	.6	1.0	1.1	.5	.3	.1										87	87	2				
80/ 79		.5	2.1	2.9	1.2	.7	.4	.1		.0								188	188	5				
78/ 77	.0	1.8	3.8	2.9	1.3	.9	.1	.0										262	262	59				
76/ 75	.3	5.2	4.8	1.9	1.2	.5	.4	.1	.0									347	347	196				
74/ 73	1.4	5.1	3.7	1.7	1.4	.8	.5											351	351	382				
72/ 71	1.0	5.6	2.5	2.1	1.5	.7	.4											329	329	382				
70/ 69	1.4	3.5	3.8	2.0	1.3	.6	.1	.0										303	303	345				
68/ 67	.6	2.2	2.6	1.1	1.0	.4	.3											197	197	255				
66/ 65	.5	2.1	1.9	.8	.5	.1												143	143	259				
64/ 63	.4	1.1	.8	.4	.1	.2												74	74	209				
62/ 61	.1	.6	.3	.1		.0												28	28	141				
60/ 59	.0	.3	.1	.1	.1													15	15	102				
58/ 57		.1	.0	.0														5	5	35				
56/ 55			.0															1	1	16				
54/ 53																				6				
52/ 51																				3				
50/ 49																								
48/ 47																								
46/ 45																								
44/ 43																								
TOTAL	5.8	28.1	27.2	17.5	11.7	6.1	2.9	.5	.1	.0								2397	2397	2397				

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

13707 DOVER AFB DELAWARE

43-46, 51-72

JUL

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1200-1400

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point					
100/ 99												.1	.1	.0								6	6		
98/ 97									.0	.0		.3	.3	.0								15	15		
96/ 95								.1	.3	.1	.4	.4	.2									36	36		
94/ 93								.4	.5	.7	.7	.5	.1									71	71		
92/ 91						.2	.6	1.3	1.2	.8	1.1	.3	.0									133	133		
90/ 89					.2	.6	1.7	2.1	2.0	1.0	.8	.1										203	203		
88/ 87				.1	.7	1.7	2.4	1.9	1.2	1.0	.3	.1	.0	.0								224	224		
86/ 85			.1	.1	1.6	1.6	2.5	1.2	1.4	.8	.5	.2	.1									238	238		
84/ 83			.2	.9	1.8	2.1	1.3	1.4	1.0	.9	.5	.1										245	245		
82/ 81		.0	.7	2.4	2.0	2.0	1.8	1.8	1.0	.7	.4	.2										315	315	26	1
80/ 79		.0	1.0	2.5	1.6	1.3	1.1	1.6	1.4	.3	.2											265	265	101	11
78/ 77		.5	1.2	1.6	1.2	1.0	1.8	1.1	1.2	.4	.3											243	243	250	41
76/ 75	.2	.8	.7	1.3	1.3	1.1	1.1	.8	.1	.1												177	177	373	138
74/ 73	.1	.7	.4	1.0	.6	.4	.2	.2	.2													92	92	391	275
72/ 71	.4	.8	.6	.4	.2	.1	.0	.2	.0													64	64	311	282
70/ 69	.1	.7	.5	.3	.2	.2		.1														47	47	279	286
68/ 67		.2	.2																			8	8	227	247
66/ 65	.0				.0																	2	2	204	231
64/ 63		.0			.0																	2	2	111	175
62/ 61																								73	184
60/ 59																								28	133
58/ 57																								11	121
56/ 55																									82
54/ 53																									60
52/ 51																									37
50/ 49																									17
48/ 47																									17
46/ 45																									20
44/ 43																									6
42/ 41																									2
TOTAL	.8	3.8	5.7	10.6	11.4	12.2	14.6	14.2	11.6	6.9	5.2	2.2	.8	.1								2386	2386	2386	
Element (X)	Σx^2		Σx		\bar{x}		σ_x		No. Obs.		Mean No. of Hours with Temperature										Total				
Rel. Hum.	8905361		141445		59.3		5.865		2386		≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F					93				
Dry Bulb	16394890		197230		82.7		6.197		2386				92.8	88.2	63.6	5.0					93				
Wet Bulb	12262182		170642		71.5		4.940		2386				76.3	44.5	2.5						93				
Dew Point	10514583		157481		66.0		7.108		2386				49.9	18.2	.1						93				

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVERSED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13707 DOVER AFB DELAWARE

43-46,51-72

YEARS

JUL
MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																							TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point							
102/101													.1	.0					3	3								
100/ 99										.1		.0	.0						4	4								
98/ 97									.0		.2	.1	.1						10	10								
96/ 95								.1	.1	.2	.4	.3	.1						31	31								
94/ 93							.1	.3	.4	1.0	.8	.6	.2						79	79								
92/ 91						.2	.5	1.2	1.0	.7	.5	.4	.0						113	113								
90/ 89					.1	.6	1.5	2.4	1.6	1.1	.8	.2	.0	.0					205	205								
88/ 87				.2	.1	1.7	1.4	2.0	1.1	.8	.6	.0	.1	.0					193	193								
86/ 85			.1	.3	1.6	1.4	2.2	1.5	2.0	.6	.5	.1	.0						251	251								
84/ 83			.1	.5	1.5	1.5	1.8	1.6	1.5	.9	.4	.1							236	236								
82/ 81		.1	.5	1.5	1.8	1.4	1.6	1.7	1.0	.7	.3								255	255	28							
80/ 79		.1	1.2	2.1	1.7	1.2	1.5	1.2	1.0	.6	.2	.0							259	259	74	11						
78/ 77	.1	.9	1.8	2.0	1.3	1.2	1.3	1.4	.8	.2	.1								265	265	222	37						
76/ 75	.1	1.2	1.8	1.4	.7	1.2	.9	.9	.3										205	205	353	116						
74/ 73	.2	1.2	.9	1.1	.6	.7	.5	.2	.2										138	138	386	252						
72/ 71	.4	1.0	1.0	.7	.4	.1													86	87	366	281						
70/ 69	.0	.7	.5	.2	.3														42	42	302	306						
68/ 67	.1	.7	.0	.0															20	20	243	280						
66/ 65	.0		.1		.0														4	4	199	209						
64/ 63		.1	.1																5	5	131	197						
62/ 61																					76	190						
60/ 59																					21	156						
58/ 57																					3	119						
56/ 55																						88						
54/ 53																						61						
52/ 51																						47						
50/ 49																						28						
48/ 47																						9						
46/ 45																						10						
44/ 43																						6						
42/ 41																						1						
TOTAL	1.0	5.9	8.0	10.1	10.3	11.1	13.2	14.6	11.1	6.9	4.9	2.0	.8	.1					2403		2404							
																			2404		2404							
Element (X)	Σ x ²			Σ x			Σ			Σ			No. Obs.			Mean No. of Hours with Temperature												
Rel. Hum.	9452978			145208			60.4			16.805			2403			≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total						
Dry Bulb	16297096			197364			82.1			6.469			2405					92.7	86.9	58.7	4.9	93						
Wet Bulb	12270238			171370			71.3			4.743			2404					76.4	41.1	1.9		93						
Dew Point	10554195			158439			65.9			6.829			2404					49.6	16.1	.1		93						

USAFETAC FORM 0-26-S (OL A) JUL 64

PSYCHROMETRIC SUMMARY

43-46, 51-72

JUL

PAGE 1 1800-2000
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

43-46, 51-72

JUL

YEARS

MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

43-46, 51-72

AUG
MONTH

PAGE 1 0000-0200
HOURS (L - S - T)

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PSYCHROMETRIC SUMMARY

AUG

STATION

STATION NAME

YFARS

MONTH

0600-0800

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

AUG

PAGE 1 0900-1100
HOURS (L. S. Y.)

[illegible]

PSYCHROMETRIC SUMMARY

43-46, 51-72

AUG

STATION	STATION NAME
101	101

YEARS

MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

1200-1400

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point															
100/ 99														.1				2	2																
98/ 97										.1								3	3																
96/ 95									.1	.3	.2	.2	.0					17	17																
94/ 93								.1	.4	.4	.5	.1	.1	.0				38	38																
92/ 91				.0				.6	1.1	.8	.5	.3	.0					79	79																
90/ 89					.1	.8	1.2	2.1	1.0	.9	.1	.2						151	151																
88/ 87				.1	.5	1.0	2.0	1.8	1.2	.8	.4			.0				186	186																
86/ 85				.4	1.6	1.9	2.3	1.9	1.2	.7	.4	.0						249	249	1															
84/ 83			.2	.8	2.2	2.1	2.4	1.5	.9	.2	.1							250	250	1															
82/ 81			.7	1.5	2.1	1.7	2.0	1.9	1.3	.6	.1	.1						288	288	16															
80/ 79		.1	.9	2.1	1.5	2.0	2.0	1.3	.9	.5								270	270	95															
78/ 77		.5	1.3	1.1	1.3	1.7	2.3	2.3	1.3	.2	.1							288	288	222															
76/ 75	.0	.4	1.4	1.3	1.6	1.9	1.2	1.1	1.3	.2	.0							251	251	293															
74/ 73	.0	.7	.9	.8	.9	1.0	.8	.8	.4	.1								153	153	343															
72/ 71	.2	.7	.7	.3	.4	.4	.5	.3	.1									87	87	293															
70/ 69	.2	.6	.2	.2	.1	.2	.1	.1										41	41	307															
68/ 67	.2	.3	.2	.2	.0	.1	.1	.1										30	30	264															
66/ 65		.3	.2			.1	.0											13	13	209															
64/ 63		.1	.0			.0												4	4	159															
62/ 61																				99															
60/ 59																				65															
58/ 57																				25															
56/ 55																				7															
54/ 53																				2															
52/ 51																																			
50/ 49																																			
48/ 47																																			
46/ 45																																			
44/ 43																																			
42/ 41																																			
TOTAL	.7	3.5	6.6	9.0	12.4	14.9	17.7	16.5	10.9	5.4	1.8	.5	.1	.1				2400	2400	2400															
																		2400	2400																
Element (X)	Σx^2																																		

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13707 DOVER AFB DELAWARE
STATION STATION NAME

43-46, 51-72

YEARS

AUG
MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point						
99/ 97										.1	.0	.0										4	4			
96/ 95									.2	.1	.2											13	13			
94/ 93								.3	.3	.3	.0	.2										27	27			
92/ 91						.0	.5	.9	.8	.5	.1	.0										68	68			
90/ 89				.0	.1	.3	1.2	1.4	.7	.7	.2	.0										113	113			
88/ 87				.2	.8	1.8	1.5	1.6	.4	.2	.2			.0								161	161			
86/ 85			.4	.7	2.1	1.9	1.7	1.0	.9	.2												218	218			
84/ 83		.2	1.2	1.9	2.2	2.1	1.2	1.1	.7	.2												262	262	1	1	
82/ 81		.9	1.7	2.2	2.2	2.1	1.6	1.5	.4	.1	.1											307	307	7		
80/ 79	.2	1.4	2.2	1.8	2.0	2.2	1.6	1.0	.4													307	307	64	5	
78/ 77	.4	1.6	1.5	2.1	1.8	1.9	1.6	1.5	.2	.1												306	306	209	27	
76/ 75	1.1	1.5	1.7	1.5	1.9	1.5	1.3	.8	.3													277	276	293	113	
74/ 73	.2	.5	1.0	.9	1.1	1.2	.9	1.0	.3	.0												170	170	361	207	
72/ 71	.2	.8	.4	.5	.5	.2	.4	.2	.2													82	82	329	296	
70/ 69	.0	.5	.6	.3	.2	.0	.3	.1	.1													53	53	288	269	
68/ 67		.5	.2	.2		.0	.2	.0														28	28	274	249	
66/ 65		.2																				6	6	236	257	
64/ 63		.1	.1																			5	5	150	182	
62/ 61			.0																			1	1	106	171	
60/ 59																								59	167	
58/ 57																								22	143	
56/ 55																								9	100	
54/ 53																									64	
52/ 51																									60	
50/ 49																									39	
48/ 47																									26	
46/ 45																									22	
44/ 43																									9	
42/ 41																									1	
TOTAL	.5	4.3	7.9	10.6	12.3	14.9	17.0	14.4	11.1	5.0	1.5	.6		.0									2408	2409	2408	
Element (X)	Σ x'		Σ x		x̄		s _x		No. Obs.		Mean No. of Hours with Temperature										Total					
Rel. Hum.	9550816		147234		61.1		5.094		2408		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F					93					
Dry Bulb	15697861		193961		80.5		5.802		2409																	
Wet Bulb	11978402		169380		70.3		5.161		2408																	
Dew Point	10325955		156713		65.1		7.265		2408																	

USAFETAC FORM 0-26-5 (OL A) REVISIT PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

AUG
MONTH

PAGE 1 1800-2000
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

AUG
MONTH

HOURS (L. S. T.)

USAFETAC FORM 0-26.5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

SEP

STATION 4

STATION NAME

YEARS

MONITOR

PAGE 1

0000-0200

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

SEP

STATION	STATION NAME
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YEARS

MONT

PAGE 1 0300-0500

HOURS (L, S, Y.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

MONTH

HOURS (L. S. T.)

JSAFETAC FORM 0.26-5 (OL A) REV. 04
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

43-46, 50-72

YEARS

SEP
MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
92/ 91							.0	.2			.0							7	7					
90/ 89							.1	.3	.2									14	14					
88/ 87					.0	.4	.7	.1	.1	.0	.0							35	35					
86/ 85				.0	.5	.9	.4	.3	.3	.0								60	60					
84/ 83			.0	.5	1.2	1.0	.4	.3	.1		.0							85	85					
82/ 81			.3	1.2	1.3	.8	.5	.4	.1	.0	.1							112	112	1				
80/ 79		.0	.6	1.9	1.2	1.1	.8	.3	.2	.0								147	147	10	1			
78/ 77		.3	1.5	2.0	1.6	.8	1.2	.4	.3		.1							192	192	69	4			
76/ 75		.8	1.3	1.6	1.6	1.5	1.1	.9	.3	.1	.0							224	224	137	35			
74/ 73	.0	1.2	1.7	1.5	1.8	1.2	1.0	.8	.1	.1								228	229	177	117			
72/ 71	.0	1.0	1.6	2.2	2.0	1.8	1.0	.7	.1	.0								250	250	182	175			
70/ 69	.2	1.6	1.2	2.2	1.7	1.6	1.3	.6	.0									249	250	209	185			
68/ 67	.1	1.2	1.2	1.5	1.7	1.2	.9	.3	.1									196	196	197	175			
66/ 65	.0	1.2	1.0	1.3	1.4	1.8	.6	.3										183	183	257	174			
64/ 63	.0	.8	.8	.7	1.4	1.1	.3	.2										126	126	197	172			
62/ 61		.5	.4	1.0	.8	1.0	.3	.0										96	96	222	183			
60/ 59		.5	.4	.6	.9	.6	.1											74	74	181	169			
58/ 57		.7	.3	.5	.4	.3	.2											55	55	165	163			
56/ 55		.4	.3	.3	.2	.2												31	31	158	152			
54/ 53		.1	.2	.2	.2	.2												20	20	83	144			
52/ 51			.0		.2													6	6	67	116			
50/ 49			.0	.0														2	2	42	119			
48/ 47			.0															1	1	17	89			
46/ 45																				12	75			
44/ 43																				10	43			
42/ 41																					42			
40/ 39																					19			
38/ 37																					14			
36/ 35																					13			
34/ 33																					10			
32/ 31																					3			
30/ 29																					1			
TOTAL	.5	10.3	12.7	19.1	20.1	17.7	10.9	5.9	2.0	.4	.3							2391	2395	2393	2393			
Element (X)	Σx²			Σx		Σ		Σ²		No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.	11470110			161890		67.7		14.716		2393		≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total
Dry Bulb	12469502			171844		71.6		7.633		2395						67.7		41.5		14.8				90
Wet Bulb	10066833			154185		64.4		7.441		2393								36.9		14.8		.0		90
Dew Point	8790270			143292		59.9		9.370		2393						.2		20.0		5.9		.0		90

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USAFETAC FORM 0.26-5 (01 A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

YEARS

PAGE 1

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
98/ 97																		1	1					
96/ 95																		7	7					
94/ 93																		13	13					
92/ 91																		35	35					
90/ 89																		76	76					
88/ 87																		88	88					
86/ 85																		123	123					
84/ 83																		125	125					
82/ 81																		172	172	1				
80/ 79																		210	210	26				
78/ 77																		216	216	100				
76/ 75																		209	209	144				
74/ 73																		234	234	186				
72/ 71																		187	187	219				
70/ 69																		204	204	208				
68/ 67																		149	149	202				
66/ 65																		115	115	234				
64/ 63																		85	85	210				
62/ 61																		48	48	221				
60/ 59																		50	50	189				
58/ 57																		26	26	159				
56/ 55																		12	12	123				
54/ 53																		6	6	64				
52/ 51																		2	2	59				
50/ 49																				26				
48/ 47																				13				
46/ 45																				6				
44/ 43																				3				
42/ 41																								
40/ 39																								
38/ 37																								
36/ 35																								
34/ 33																								
32/ 31																								
Element (X)	ΣX^2			ΣX			\bar{X}			σ_X			No. Obs.			Mean No. of Hours with Temperature								
Rel. Hum.																								

PSYCHROMETRIC SUMMARY

YEARS

SEP
MONTH

PAGE 2

1200-1400
HOURS (L. S. T.)

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0.26-5 (0.1 A)

FORM

USAFETAC

PSYCHROMETRIC SUMMARY

43-46, 50-72

SEP

PAGE 1 1500-1700
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

SEP
MONTH

PAGE 2 1500-1700
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

SEP

YEARS

MONTH

1800-2000

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point											
88/ 87						.0	.0	.1		.0								5	5													
86/ 85				.1	.1	.3	.1	.0		.0			.0					16	16													
84/ 83				.1	.4	.3	.2	.0	.0	.0								27	27													
82/ 81			.1	.7	.6	.3	.3	.2	.0	.0								56	56													
80/ 79		.1	.7	1.0	.8	.8	.3	.1	.1	.0	.1							93	93	2												
78/ 77		.5	1.3	1.3	1.4	.3	.3		.0	.1								123	123	15	4											
76/ 75	.0	1.2	1.7	2.3	.9	.3	.3	.1	.1	.0								165	165	72	21											
74/ 73	.1	2.2	2.0	1.9	1.2	.9	.4	.4	.0									219	219	138	73											
72/ 71	.2	2.3	2.3	2.0	1.2	.8	.6	.1	.1	.0								229	229	179	146											
70/ 69	.5	2.5	2.4	2.8	1.3	1.0	.5	.2	.0									267	267	237	168											
68/ 67	.2	1.8	3.5	2.7	1.3	.8	.5	.1	.0									263	265	202	206											
66/ 65	.3	1.4	2.6	2.9	1.3	1.0	.2	.0										234	234	196	180											
64/ 63	.3	1.2	2.2	2.1	1.4	.5	.2	.1										190	190	255	180											
62/ 61		1.0	1.4	2.2	1.3	.3	.0											150	150	232	188											
60/ 59	.1	1.3	1.1	1.6	1.1	.6												139	139	209	192											
58/ 57	.1	1.1	.8	.8	.8	.3												94	94	188	197											
56/ 55	.1	.5	.7	.8	.4	.1												59	59	165	166											
54/ 53		.2	.3	.4	.3	.0												28	28	111	139											
52/ 51		.0	.2	.4		.1												19	19	82	133											
50/ 49			.2	.1	.0													9	9	52	115											
48/ 47			.3	.1														8	8	25	79											
46/ 45			.0															1	1	23	62											
44/ 43																				5	52											
42/ 41																				6	33											
40/ 39																					29											
38/ 37																					15											
36/ 35																					2											
34/ 33																					3											
32/ 31																					1											
30/ 29																					1											
28/ 27																					1											
TOTAL	1.9	17.3	23.8	26.1	16.0	8.6</																										

PSYCHROMETRIC SUMMARY

YEARS

PAGE 1 2100-2300
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

DCT

PAGE 1 0000-0200
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																											TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point											
76/ 75			.1															3	3												
74/ 73		.5	.0															12	12												
72/ 71	.0	.5	.1	.2														22	22	19											
70/ 69	.1	.9	.6	.2	.0													45	45	18											
68/ 67	.2	.7	1.1	.0														47	47	37											
66/ 65	.2	1.5	.6	.1	.0													60	60	53											
64/ 63	.6	3.1	1.1	.4	.0	.0	.0											126	126	78											
62/ 61	.9	3.2	1.2	.3	.1	.1	.0											139	139	127											
60/ 59	.6	4.5	1.0	.6	.2	.0												167	169	144											
58/ 57	.8	4.2	1.7	1.0	.1	.1												192	192	145											
56/ 55	.8	4.1	2.4	.6	.3													196	196	155											
54/ 53	.4	4.9	2.0	1.0	.2		.0											203	206	183											
52/ 51	.7	4.6	2.2	.9	.5													217	218	178											
50/ 49	.7	3.4	2.2	1.2	.2													187	187	196											
48/ 47	.2	3.5	2.8	1.0	.1													182	182	161											
46/ 45	.3	3.3	2.3	.8	.0													163	163	191											
44/ 43	.5	3.2	2.1	.7	.3													163	163	189											
42/ 41	.2	1.7	1.0	.4	.2													84	84	145											
40/ 39	.0	2.0	1.3	.3														87	87	114											
38/ 37		1.3	.7	.0														48	48	91											
36/ 35		.4	.7															26	26	71											
34/ 33		.5	.3															19	19	29											
32/ 31		.1	.1															6	6	28											
30/ 29			.2															6	6	5											
28/ 27			.0															1	1	3											
26/ 25																				6											
24/ 23																															
22/ 21																															
20/ 19																															
18/ 17																															
TOTAL	7.2	52.0	28.2	9.8	2.5	.3	.1											2404	2407	2404											
																		2404	2404												
Element (X)	Σx²			Σx		X̄		sₓ																							

PSYCHROMETRIC SUMMARY

43-45, 50-72

OC T

PAGE 1 0600-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
80/ 79						.0												1	1					
76/ 75		.0	.1															4	4					
74/ 73	.0	.4	.2	.0														16	16	2				
72/ 71		.6	.3	.1	.1	.0												26	26	15				
70/ 69	.0	.6	.3	.2	.0													30	30	23				
68/ 67	.2	.8	.5	.2														42	42	33				
66/ 65	.2	2.2	.7	.1														79	79	47				
64/ 63	.2	3.5	1.0	.4	.1		.0											140	140	106				
62/ 61	.7	3.1	1.2	.4	.1	.0												133	133	125				
60/ 59	.8	4.0	1.4	.5	.2	.1												168	168	130				
58/ 57	.7	3.7	1.3	.7	.1	.0	.0	.0										157	157	143				
56/ 55	.8	3.8	2.6	.8	.2	.2	.0											204	206	152				
54/ 53	.7	4.1	2.8	.8	.5	.0												214	214	172				
52/ 51	.8	3.1	2.5	1.4	.2	.1												195	195	187				
50/ 49	.7	3.2	2.5	1.6	.2	.0												200	200	195				
48/ 47	.5	3.2	2.1	1.1	.6	.0												184	184	185				
46/ 45	.6	3.7	1.9	.9	.1													173	173	210				
44/ 43	.2	2.5	1.7	.7														122	122	166				
42/ 41	.2	1.5	1.0	.3	.1													76	76	148				
40/ 39	.3	1.9	1.4	.3	.1													95	95	111				
38/ 37	.0	1.3	.4															51	51	75				
36/ 35	.3	1.2	.5	.1														51	51	75				
34/ 33		.6	.2															21	21	43				
32/ 31		.3	.2															13	13	35				
30/ 29		.1	.0															3	3	13				
28/ 27		.1	.1															5	5	6				
26/ 25																				5				
24/ 23		.0																1	1	2				
22/ 21																				15				
20/ 19																				7				
18/ 17																				3				
TOTAL	8.9	49.6	27.1	11.0	2.6	.7	.1	.0										2404	2406	2404				
Element (X)	Σx^1			Σx			\bar{x}	σ_x	No. Obs.		Mean No. of Hours with													

PSYCHROMETRIC SUMMARY

13707
STAL.

COVER AFB DELAWARE
STATION N

43-45, 50-72

OCT
MONTH

PAGE 2

0900-1100
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

43-45, 50-72

DCY

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1200-1400

HOURS (L, S, Y.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL														
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																
92/ 91										.0								1	1																	
90/ 89									.1	.0								3	3																	
88/ 87						.0		.2	.1		.0							8	8																	
86/ 85						.0	.1	.2	.4	.2	.0							22	22																	
84/ 83					.0	.1	.2	.4	.2	.1								24	24																	
82/ 81				.1	.1	.2	.2	.1	.2	.0			.0					23	23																	
80/ 79				.1	.1	.2	.3	.2	.3	.2	.3							40	41																	
78/ 77			.1	.2	.2	.5	.8	.8	.3	.1	.2							81	81	1																
76/ 75			.1	.3	.7	.6	.9	1.1	.5	.0	.1							106	106	6																
74/ 73		.1	.2	.4	1.1	.9	.6	.8	.4	.0	.0							108	108	29																
72/ 71		.2	.6	1.2	1.1	1.2	1.6	1.0	.2	.1	.0	.0						177	177	23																
70/ 69		.2	1.2	1.5	1.1	1.2	1.0	.9	.3	.2	.0							187	187	47																
68/ 67	.1	.8	1.3	1.0	1.3	1.6	.9	1.1	.4	.2								210	210	119																
66/ 65	.2	1.1	1.5	1.3	1.2	1.1	2.1	.6	.3	.0								236	236	162																
64/ 63	.1	1.4	.7	1.3	1.1	1.2	2.2	1.1	.2	.0								224	224	204																
62/ 61	.1	1.0	.3	1.2	1.4	1.7	1.3	.7	.0									184	184	210																
60/ 59		.5	.4	1.0	1.8	1.7	1.2	.6	.1									176	176	194																
58/ 57		.5	.2	.9	1.4	1.9	1.3	.1										154	154	181																
56/ 55	.0	.5	.4	.9	1.1	1.4	1.1	.1										135	135	172																
54/ 53		.7	.3	.7	.8	1.2	.4											102	102	195																
52/ 51	.1	.5	.2	.6	.7	1.2	.3											90	90	227																
50/ 49	.0	.5	.1	.3	.3	.7	.2											50	51	173																
48/ 47	.1	.2	.0	.1	.2	.2	.1											25	25	161																
46/ 45		.0	.3	.2	.1	.2												17	17	114																
44/ 43		.1	.1		.2	.2												14	14	65																
42/ 41					.1	.0												4	4	63																
40/ 39		.1																2	2	24																
38/ 37		.0																1	1	17																
36/ 35																				8																
34/ 33																			6	70																
32/ 31																			1	60																
30/ 29																				52																
28/ 27																				28																
26/ 25																				20																
Element (X)	Σ X ²			Σ X			Σ			Σ ²			No. Obs.			Mean No. of Hours with Temperature																				
Ref. Hum.																≤ 0 F			≤ 32 F			≥ 67 F			≥ 72 F			≥ 80 F			≥ 93 F			Total		
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FORM 0.26-5 (01 A)

USAFETAC

PSYCHROMETRIC SUMMARY

YEARS

OCT
MONTH

PAGE 2

1200-1400
HOURS (L. S. T.)

[illegible]

3

4

OCT
MONTH

STATION

STATION NAME

YEARS

MONTH

1500-1700

HOURS (L, S, T.)

FORM 0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

OCT
MONTH

PAGE 2 1500-1700
HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13707

DOVER AFB DELAWARE

43-45, 50-72

OCT

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1800-2000

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
80/ 79			.0	.0	.0	.1	.0											6	6					
78/ 77			.1	.3	.1	.1	.1											16	16					
76/ 75			.2	.2	.2	.1												16	16	1	1			
74/ 73		.1	.1	.2	.1	.1	.1											17	17	3	1			
72/ 71		.2	.4	.4	.1	.1												31	31	25	9			
70/ 69	.1	.4	1.1	.9	.3	.2	.0											73	73	16	20			
68/ 67	.0	.7	1.2	.8	.5	.2	.1											87	87	45	18			
66/ 65	.2	2.8	1.7	1.0	.7	.2	.2	.0										164	164	79	56			
64/ 63	.4	3.0	2.2	1.4	.6	.2	.0											108	188	133	95			
62/ 61	.5	3.6	1.6	1.4	1.2	.4	.5											221	221	169	115			
60/ 59	.2	2.3	2.5	2.3	1.1	.5	.1											218	218	170	166			
58/ 57	.2	2.2	3.1	2.1	1.1	.4	.1											221	221	170	131			
56/ 55	.1	2.3	2.9	2.8	1.7	.4	.2											253	253	190	146			
54/ 53	.1	1.7	2.7	2.0	1.1	.3	.0											192	192	213	162			
52/ 51	.1	1.5	2.4	2.3	1.3	.3												189	189	209	149			
50/ 49	.0	1.3	2.3	2.5	1.0	.2	.1											178	178	215	189			
48/ 47	.1	.7	1.6	1.7	.9	.2												124	124	189	167			
46/ 45		.4	1.1	1.3	.4	.1												80	80	182	167			
44/ 43		.4	.7	.8	.2	.0												51	51	121	123			
42/ 41	.0	.2	.5	.5	.0	.0												33	33	99	154			
40/ 39		.1	.4	.5	.3													31	31	74	105			
38/ 37		.0	.2		.2													9	9	48	127			
36/ 35		.0		.1														4	4	22	87			
34/ 33																				16	60			
32/ 31																				8	42			
30/ 29																				5	46			
28/ 27																					23			
26/ 25																					16			
24/ 23																					3			
22/ 21																					7			
20/ 19																					7			
18/ 17																					7			
16/ 15																					2			
14/ 13																					1			
Element (X)	Σ X'		Σ X		X̄		σ _x		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total	
Dry Bulb																								
Wet Bulb																								
Dew Point																								

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

3

1

YEARS

PAGE 2

1800-2000
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13707 STATION DOVER AFB DELAWARE

43-45, 50-72

YEARS

NDV
MONTH

PAGE 1

0000-0200
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point					
70/ 69		.0	.2	.1														8	8						
68/ 67		.2	.2	.1	.0													13	13	3					
66/ 65		.3	.1	.2	.0													16	16	10	4				
64/ 63	.2	.4	.4	.0		.0												24	24	23	19				
62/ 61	.0	.7	.4	.4	.1													38	38	13	16				
60/ 59	.5	1.7	.5	.2	.2	.0	.1											74	74	51	32				
58/ 57	.6	1.9	.7	.4		.0												83	83	73	52				
56/ 55	.6	.9	.6	.3	.2	.2	.0											67	68	70	81				
54/ 53	.7	1.8	.9	.5	.4	.1	.0											106	106	61	54				
52/ 51	1.1	2.3	.9	.4	.6	.1												125	125	103	79				
50/ 49	.9	1.8	1.0	.6	.2	.0												105	105	111	93				
48/ 47	.9	2.6	1.6	1.3	.2													154	154	97	96				
46/ 45	.6	4.0	2.0	.9	.0	.1												178	178	145	81				
44/ 43	.5	3.4	2.2	1.0		.0												166	166	179	115				
42/ 41	.9	2.7	2.1	.6	.1													149	149	167	127				
40/ 39	.8	2.7	2.7	1.0	.1													169	169	162	145				
38/ 37	.4	3.6	3.6	1.1	.1													205	205	138	158				
36/ 35	.6	3.2	3.9	.9	.1													202	202	194	147				
34/ 33	.5	2.6	3.0	.3														149	149	207	153				
32/ 31	.6	1.9	2.0	.5														117	117	176	160				
30/ 29	.1	2.3	1.2	.1														88	88	139	152				
28/ 27	.0	.8	1.1															45	45	94	136				
26/ 25		.3	.3	.0														17	17	53	122				
24/ 23		.4	.2	.0														15	15	22	82				
22/ 21		.3	.1															10	10	18	69				
20/ 19			.1															3	3	11	49				
18/ 17			.1															2	2	5	28				
16/ 15																				1	27				
14/ 13																				2	27				
12/ 11																					10				
10/ 9																					2				
8/ 7																					2				
6/ 5																					3				
4/ 3																					5				
Element (X)	Σ x ²		Σ x		Σ		Σ x		No. Obs.		Mean No. of Hours with Temperature														
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total		
Dry Bulb																									
Wet Bulb																									
Dew Point																									

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

13707
STATION

DOVER AFB DELAWARE

43-45, 50-72

YEARS

NOV
MONTH

PAGE 2

0000-0200

[illegible]

PSYCHROMETRIC SUMMARY

NDV

MONTE

0300-0500
HOURS (L. S. T.)

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0.26-5 (OL A)

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13707 DOVER AFB DELAWARE

43-45, 50-72

NGV

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0600-0800

HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point
72/ 71			.0															1	1	
70/ 69			.2	.0														5	5	
68/ 67		.4	.1	.1	.1	.0												16	16	2
66/ 65		.4	.1	.0														10	10	13
64/ 63	.1	.4	.3	.1														21	21	12
62/ 61	.2	.6	.3	.0														28	28	24
60/ 59	.3	1.6	.3	.2		.0												56	56	31
58/ 57	.4	1.4	.3	.2	.1	.1												59	60	72
56/ 55	1.2	1.5	.6	.2	.0	.0												85	86	62
54/ 53	.8	2.5	.6	.4	.1	.1												104	104	72
52/ 51	.9	1.6	1.2	.6	.3	.0												110	110	85
50/ 49	.8	2.5	1.2	1.1	.4													138	139	94
48/ 47	.5	3.4	.9	.7	.3	.0												134	135	124
46/ 45	.5	2.7	1.2	.8	.2													126	126	138
44/ 43	.5	3.8	1.8	1.0	.2													171	172	136
42/ 41	.8	2.8	2.4	.8	.1													162	164	147
40/ 39	1.1	3.7	3.0	.5	.1													196	196	181
38/ 37	.8	3.3	2.2	.7	.0													165	166	190
36/ 35	.7	3.2	2.8	.9														176	176	172
34/ 33	.5	2.5	2.2	.7														161	161	167
32/ 31	.7	3.3	2.1	.2														146	146	167
30/ 29	.5	2.8	2.0															124	124	168
28/ 27	.3	1.5	.8															59	59	127
26/ 25	.0	1.0	.3															31	31	62
24/ 23		.3	.3															15	15	37
22/ 21		.2	.3	.0														14	14	11
20/ 19		.1	.2															7	7	15
18/ 17																				8
16/ 15		.1																2	2	3
14/ 13																				2
12/ 11																				
10/ 9																				
8/ 7																				
6/ 5																				
Element (X)	Σ X ²		Σ X		X̄		s _x		No. Obs.		Mean No. of Hours with Temperature									
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total			
Dry Bulb																				
Wet Bulb																				
Dew Point																				

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

3

3

NOV
MORT

0600.7800
HOURS 1.5.12

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	> 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
4/ 3																					2		
2/ 1																					1		
0/ -1																					1		
-2/ -3																					1		
TOTAL	11.6	8.6	27.9	9.4	2.1	.4												2322	2330	2322	2322		

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0.26.5 (OL A)

USAFETAC

PSYCHROMETRIC SUMMARY

YEARS

NOV
MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

[illegible]

3

1

NOV
MONTH

STATION

STATION NAME

YEARS

MONTH

0900-1100
HOURS (L. S. T.)

USAFETAC 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
FORM JUL 64

PSYCHROMETRIC SUMMARY

NOV
MONTH

1200-1400
HOURS (L. S. T.)

[illegible]

3

PSYCHROMETRIC SUMMARY

43-45, 50-72

NOV
MONTH

PAGE 2 1200-1400
HOURS (L. S. T.)

[illegible]

USAFETAC
FORM
JUL 64
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13707
STATION

DUVER AFB DELAWARE
STATION NAME

43-45,50-72
YEARS

NOV
MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point							
84/ 83								.0										1	1								
82/ 81																		1	1								
80/ 79						.0		.1										3	3								
78/ 77				.0	.1	.0		.0										6	6								
76/ 75				.0	.2	.1	.0											10	10	1							
74/ 73				.0	.0	.1	.1											7	7	1							
72/ 71			.0	.2	.3	.2	.2	.2	.1									28	28		1						
70/ 69		.0	.2	.1	.3	.2	.1	.2	.1									29	29	7	1						
68/ 67		.2	.3	.3	.5	.3	.2	.2	.2									54	54	15	4						
66/ 65	.1	.1	.3	.3	.2	.3	.4	.2	.0									44	44	21	13						
64/ 63	.1	.3	.5	.5	.3	.8	.3	.1	.0									70	70	29	21						
62/ 61	.1	.6	.5	.7	.6	.6	.6	.1	.0									90	90	44	17						
60/ 59	.3	.9	.8	.8	1.0	1.2	.6	.1										130	130	66	50						
58/ 57	.7	1.4	1.3	1.2	.9	.6	.4	.0	.0									155	155	91	64						
56/ 55	.0	1.6	1.2	1.7	1.4	1.3	.6	.1										186	186	99	67						
54/ 53	.2	1.2	1.4	1.4	1.7	1.0	.3	.0										168	168	136	77						
52/ 51	.1	1.2	1.6	1.5	1.8	1.8	.3											196	196	146	89						
50/ 49	.2	1.1	1.2	1.8	2.3	1.2	.0											182	182	179	100						
48/ 47	.4	.8	1.1	2.4	2.4	1.0	.1											192	192	164	106						
46/ 45	.2	.6	1.4	2.9	2.4	.7												92	92	178	136						
44/ 43	.1	.8	1.5	2.3	1.5	.3												152	152	178	120						
42/ 41	.2	.4	.9	2.0	1.5	.2												122	123	203	120						
40/ 39	.2	.6	1.1	2.0	1.3	.1												123	123	205	115						
38/ 37	.3	.4	1.1	1.4	.8													92	92	160	143						
36/ 35	.0	.2	.3	.7	.5													39	39	140	132						
34/ 33		.2	.3	.3	.4													28	28	109	153						
32/ 31	.2	.1	.3	.2	.0													19	19	75	161						
30/ 29			.1	.2	.0													9	9	40	142						
28/ 27				.0														1	1	25	115						
26/ 25				.0														1	1	11	102						
24/ 23																				6	76						
22/ 21																					49						
20/ 19																				1	47						
18/ 17																					44						
Element (X)	Σ x ²				Σ x				x̄				s _x				No. Obs.				Mean No. of Hours with Temperature						
Rel. Hum.																					≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb																											
Wet Bulb																											
Dew Point																											

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

NGV
MONTH

PAGE 2 1500-1700
HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13707

ONVER AFB DELAWARE

43-45, 50-72

NOV

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1800-2000

HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
74/ 73				.1														3	3				
72/ 71	.0	.0	.0															3	3	1	1		
70/ 69		.0	.2	.2	.0													11	11	2	2		
68/ 67		.0	.3	.2	.0													13	13	6			
66/ 65		.1	.3	.4	.0	.1	.1	.0	.0									27	27	5	5		
64/ 63	.3	.6	.2	.2	.1	.0	.0	.0										37	37	22	14		
62/ 61	.1	.6	.6	.2	.2	.1												41	41	32	23		
60/ 59	.5	1.6	.4	.2	.5	.2		.0										80	80	52	39		
58/ 57	.7	1.6	1.0	.5	.4	.1	.0											102	102	67	64		
56/ 55	.7	1.7	1.3	.5	.8	.2												121	121	84	64		
54/ 53	.4	1.7	1.6	1.4	.6	.3	.0	.0										143	143	84	78		
52/ 51	.4	2.1	2.0	1.2	.6	.3	.0											155	155	120	62		
50/ 49	.3	2.3	2.1	1.6	1.0	.2												174	174	128	97		
48/ 47	.5	2.1	2.3	1.7	.8	.2												176	176	173	103		
46/ 45	.2	1.7	2.4	2.3	1.2													181	182	152	115		
44/ 43	.3	1.7	3.1	2.3	1.5	.2												208	208	143	126		
42/ 41	.2	1.4	3.3	2.8	.4													188	188	175	133		
40/ 39	.3	1.5	3.6	2.6	.3													193	193	197	117		
38/ 37	.2	.9	2.8	2.3	.2													151	151	202	126		
36/ 35	.1	1.3	2.5	1.2	.2													121	121	215	155		
34/ 33	1	.6	1.7	.9														79	79	158	164		
32/ 31	.2	.3	1.2	.6														52	52	119	133		
30/ 29	.0	.3	.5	.6	.0													34	34	72	169		
28/ 27		.1	.7	.3														25	25	49	133		
26/ 25			.0															1	1	34	125		
24/ 23																				23	70		
22/ 21			.1															3	3	4	50		
20/ 19																				2	51		
18/ 17																				1	36		
16/ 15																					19		
14/ 13																					17		
12/ 11																					14		
10/ 9																					5		
8/ 7																					4		
Element (X)	ΣX^2			ΣX			\bar{X}	σ_x	No. Obs.			Mean No. of Hours with Temperature											
Rel Hum												≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total					
Dry Bulb																							
Wet Bulb																							
Dew Point																							

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

NOV
MONTH

PAGE 2 1800-2000
HOURS (L. S. T.)

[illegible]

USAFETAC
FORM
NH 6A
0-25-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13707 DOVER AFB DELAWARE

43-45, 50-72

NOV

STATION

STATION NAME

YEARS

MONTH

PAGE 1

2100-2300

HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																											TOTAL D.B./W.B.	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	Dry Bulb	Wet Bulb	Dew Point														
74/ 73				.1		.0													3	3														
72/ 71			.0				.0												2	2														
70/ 69		.1	.1	.1	.1														10	10														
68/ 67		.2	.1	.3															14	14	8	3												
66/ 65		.3	.1	.3															15	15	8	9												
64/ 63	.1	.4	.2	.2	.1	.0		.0											26	26	17	7												
62/ 61	.2	.7	.4	.2	.2	.1		.1											42	42	26	23												
60/ 59	.4	1.6	.3	.1	.0		.0												68	68	58	43												
58/ 57	.3	1.0	1.0	.4	.1	.1													67	67	51	46												
56/ 55	.9	1.5	1.0	.5	.3	.1	.0												100	100	73	64												
54/ 53	.2	1.7	1.0	.5	.4	.0													91	91	70	57												
52/ 51	.9	2.1	1.2	.6	.4														123	123	92	68												
50/ 49	.6	2.4	1.3	.9	.5														128	128	110	90												
48/ 47	.5	3.0	2.4	1.3	.2	.0													173	173	122	93												
46/ 45	.5	2.8	2.6	1.9	.2	.1													187	187	162	104												
44/ 43	.5	2.6	2.5	1.5	.4														176	177	147	120												
42/ 41	.8	2.1	2.7	1.5	.5	.0													178	179	177	124												
40/ 39	.6	2.6	3.9	1.8	.5														218	218	182	139												
38/ 37	.5	2.4	3.9	1.8	.1														201	201	176	137												
36/ 35	.2	2.8	3.7	.8	.0														175	175	204	165												
34/ 33	.2	1.8	2.7	.6															123	123	210	155												
32/ 31	.2	1.3	1.7	.6															87	87	160	162												
30/ 29	.2	.6	1.3	.3															56	56	112	166												
28/ 27	.1	.3	.6	.0															24	24	64	106												
26/ 25		.6	.6	.1															30	30	45	143												
24/ 23		.2	.1	.1															9	9	34	88												
22/ 21			.3																6	6	15	61												
20/ 19																					4	45												
18/ 17																					5	33												
16/ 15																						40												
14/ 13																							14											
12/ 11																							12											
10/ 9																							4											
8/ 7																							3											
Element (X)	Σ X ²			Σ X			Σ			Σ X			No. Obs.			Mean No. of Hours with Temperature																		
Rel Hum.													≤ 0 F			≤ 32 F			≥ 67 F			≥ 73 F			≥ 80 F			≥ 93 F			Total			
Dry Bulb																																		
Wet Bulb																																		
Dew Point																																		

USAFETAC FORM 0-26-5 (OL A) JUL 64

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YEARS

OLIVER AFB DELAWARE
STATION NAME

43-45, 50-72

NOV
MONTH

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2100-2300
HOURS (L. S. T.)

[illegible]USAFITAC
FORM
JUL 64
0.26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

13707 DOWER AFB DELAWARE
STATION

42-45, 50-72
YEARS

DEC
MONTH

PAGE 1 0000-0200
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point					
68/ 67		.0		.0														2	2						
66/ 65		.0		.0														2	2	1					
64/ 63		.2	.1		.1	.0												13	13	1	2				
62/ 61	.0	.2	.2	.2		.1												18	18	11	2				
60/ 59	.0	.4	.0															11	11	12	13				
58/ 57	.1	.4	.0				.0											14	14	16	11				
56/ 55	.0	.5	.4	.2														28	28	14	15				
54/ 53	.2	.6	.1	.1														27	27	26	19				
52/ 51	.1	.6	.2	.0		.0	.0											24	24	27	24				
50/ 49	.3	1.0	.3	.1	.1	.0												49	49	40	36				
48/ 47	.8	1.0	.5	.0	.3													68	70	55	42				
46/ 45	.8	1.8	.6	.6	.2													99	99	59	60				
44/ 43	1.0	1.9	1.2	.5	.2	.0												118	120	87	67				
42/ 41	.7	2.1	1.5	.5	.3													125	129	90	68				
40/ 39	1.2	2.3	2.1	.7	.2													162	165	151	94				
38/ 37	1.0	3.0	1.6	.9	.2													166	166	121	102				
36/ 35	.4	3.7	3.9	.4	.0													206	206	164	89				
34/ 33	1.0	3.9	3.4		.0													219	219	184	133				
32/ 31	.5	3.7	2.9	.6														193	193	244	137				
30/ 29	.6	3.7	2.9	.4														192	192	198	160				
28/ 27	.6	2.7	2.4	.0														141	141	188	156				
26/ 25	.3	3.1	2.7	.2														157	157	163	163				
24/ 23	.3	2.5	2.0	.0														120	121	149	134				
22/ 21	.1	2.5	1.6															102	102	130	129				
20/ 19		2.9	1.0															97	97	116	119				
18/ 17	.2	1.4	.4															49	49	108	119				
16/ 15	.1	1.7	.2															49	49	55	121				
14/ 13		.6	.1															17	17	44	97				
12/ 11		.3	.1															9	9	15	83				
10/ 9		.0																1	1	6	79				
8/ 7																				3	63				
6/ 5	.1	.0																3	3	2	54				
4/ 3																				1	29				
2/ 1		.0																1	1		22				
Element (X)	Σ X'			Σ X			̄X	σ _x	No. Obs.		Mean no. of Hours with Temperature						Total								
Rel. Hum											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F									
Dry Bulb																									
Wet Bulb																									
Dew Point																									

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

DEC
MONTH

PAGE 2 0000-0200
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
0/-1	.0	.0																2	2	2	7
-2/-3																				1	5
-4/-5																					3
-6/-7																					1
-8/-9																					3
-10/-11																					2
-12/-13																					1
TOTAL	10.7	49.0	32.2	6.1	1.7	.3	.1											2484	2496		2484

USAFETAC FORM 0-26.5 (OL A) JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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42-45, 50-72

DEC

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0300-0500
HOURS (L. S. T.)

USAFETAC FORM 0-26.5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

13707

DUVER AFB DELAWARE

42-45, 50-72

DEC

STATION

STATION NAME

YEARS

YOUTH

PAGE 2

0300-0500

HOURS (L, S, T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13707

DUVER AFB DELAWARE

42-45, 50-72

DEC

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0600-0800

HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																							TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	Dry Bulb	Wet Bulb	Dew Point							
64/ 63		.1																2	2								
62/ 61	.0	.2	.3	.0														16	16	5	2						
60/ 59	.1	.4	.2	.0														18	18	11	9						
58/ 57	.0	.3	.2	.1														16	16	16	9						
56/ 55	.4	.4	.2	.1														25	25	24	20						
54/ 53	.1	.4	.1	.1														18	18	23	20						
52/ 51	.3	.7	.1	.2	.0													33	35	22	26						
50/ 49	.5	1.1	.1	.2	.0													50	50	36	31						
48/ 47	.6	1.4	.3	.3	.1													65	65	51	46						
46/ 45	.7	1.3	.3	.1	.1	.0												65	65	70	58						
44/ 43	.9	1.8	.9	.2	.1													100	100	65	54						
42/ 41	.9	2.2	1.0	.6	.1													119	119	83	59						
40/ 39	.8	2.5	1.5	.8	.1													141	147	105	81						
38/ 37	.9	3.0	2.5	.9														182	182	130	94						
36/ 35	1.0	3.3	2.8	1.1	.0													203	203	168	105						
34/ 33	1.1	3.7	2.7	.4														199	199	191	124						
32/ 31	1.4	3.5	3.0	.5														211	211	235	152						
30/ 29	.5	4.0	2.9	.2	.1													194	194	192	155						
28/ 27	.4	3.2	1.7	.2														135	135	189	121						
26/ 25	.5	4.3	2.2	.1														176	176	175	149						
24/ 23	.3	3.2	1.3	.0														120	120	164	161						
22/ 21	.1	2.7	1.1															98	98	127	182						
20/ 19	.2	3.2	.8															104	104	109	120						
18/ 17	.1	2.3	.3															69	69	108	112						
16/ 15	.2	2.1	.0															57	57	75	109						
14/ 13	.1	1.4																37	37	49	103						
12/ 11	.1	.8																21	21	41	89						
10/ 9		.3																8	8	14	74						
8/ 7			.1															3	3	4	90						
6/ 5																				3	46						
4/ 3		.0																1	1		32						
2/ 1																				1	20						
0/ -1	.0	.0																2	2	1	17						
-2/ -3																											
Element (X)	Σ X'				Σ X				Σ				σ _x				No. Obs.				Mean No. of Hours with Temperature						
Rel. Hum.																					≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb																											
Wet Bulb																											
Dew Point																											

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

DEC
MONTH

PAGE 2

0600-0800
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

DEC
MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

[illegible]

3

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YEARS

PAGE 2

[illegible]

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1

DEC
MONTH

23

USAFETAC FORM 0-26.5 (OLA)
JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13707
STATIS

DOVER AFB DELAWARE
STATION NAME

42-45, 50-72

YEARS

DEC
MONTH

PAGE 1

1500-1700
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26-5 (Q1 A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13707 DUVER AFB DELAWARE
STATION STATION NAME

42-45, 50-72

YEARS

DEC
MONTH

PAGE 2 1500-1700
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

DEC
MONTH

PAGE 1 1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
68/ 67				.1														1	1					
66/ 65	.0	.2	.1	.0														2	8	1	1			
64/ 63		.1	.3	.0		.0												13	13	5	2			
62/ 61		.2	.2	.1														13	13	11	5			
60/ 59	.0	.2	.4	.1	.0													21	21	12	9			
58/ 57	.2	.2	.2															13	13	19	18			
56/ 55		.3	.2	.3	.2													23	23	16	12			
54/ 53	.2	.6	.4	.3	.0													38	38	18	21			
52/ 51	.2	1.3	.3	.4	.2		.0											60	60	40	27			
50/ 49	.1	.9	.8	.4	.4	.1												67	67	53	41			
48/ 47	.4	1.3	.9	.8	.1	.0	.0											87	87	46	42			
46/ 45	.7	2.3	.7	.8	.4	.2												126	126	100	55			
44/ 43	1.0	2.5	1.9	1.1	.3	.0												168	168	117	90			
42/ 41	1.0	1.7	1.7	1.2	.3	.1												148	149	129	110			
40/ 39	.8	2.5	2.8	1.5	.3													196	199	150	93			
38/ 37	.5	2.3	3.0	1.4	.2													187	187	168	94			
36/ 35	.8	2.6	3.1	1.7	.1													207	207	175	123			
34/ 33	.6	3.4	3.3	1.6	.0													221	221	219	143			
32/ 31	.5	2.5	3.9	1.1	.1													201	201	204	157			
30/ 29	.3	2.4	4.2	1.5														208	208	198	160			
28/ 27	.1	1.2	3.7	.8														142	142	198	112			
26/ 25	.3	1.2	2.9	.5														124	124	180	163			
24/ 23	.1	.9	1.6	.0														71	71	140	129			
22/ 21		.9	1.0															48	48	113	126			
20/ 19	.1	.5	.8	.0														35	35	66	131			
18/ 17		.6	.8															33	33	39	123			
16/ 15		.4	.1															12	12	39	106			
14/ 13		.0	.1															4	4	14	100			
12/ 11		.0																1	1	5	79			
10/ 9		.1																2	3	3	48			
8/ 7																				1	56			
6/ 5																					30			
4/ 3		.0																1	1		27			
2/ 1		.1																2	2	1	15			
Element (X)	Σ X ²		Σ X		Σ		Σ X		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total	
Dry Bulb																								
Wet Bulb																								
Dew Point																								

USAFETAC FORM 0-26.5 (01 A) REPLACES PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

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STAT

DUIVER AFB DELAWARE
STATION N

42-45, 50-72

YEARS

DEC
MONT

PAGE 2

1800-2000
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
0/ -1																				2	14
-2/ -3																					3
-4/ -5																					4
-6/ -7																					1
-8/ -9																					1
-10/-11																					2
-18/-19																					1
-20/-21																					1
-22/-23																					1
TOTAL	7.9	33.6	39.8	15.7	2.5	.4	.1												2482		2482
																		2482			

PSYCHROMETRIC SUMMARY

DEC

MONTH

2100-2300

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
68 / 67					.1													7	3						
66 / 65	.0	.1	.2		.1													10	10	2					
64 / 63		.2	.1	.1														9	9	1	3				
62 / 61		.3	.0	.0														9	9	15	2				
60 / 59	.0	.4	.2	.1	.2													22	22	10	13				
58 / 57	.2	.5	.1	.0	.0	.1												22	22	21	17				
56 / 55	.1	.3	.4	.0	.0													22	22	17	21				
54 / 53	.2	.5	.2	.1	.0													24	24	24	12				
52 / 51	.2	.8	.3	.1	.1	.0												38	38	31	29				
50 / 49	.2	.9	.6	.1	.1	.1												49	50	39	30				
48 / 47	.3	1.3	.5	.8	.2													77	78	41	37				
46 / 45	1.0	2.3	.8	.5	.1	.1												122	122	86	60				
44 / 43	1.3	1.6	1.5	.3	.2													120	122	101	86				
42 / 41	1.0	2.3	1.3	.8	.3	.0												141	142	123	93				
40 / 39	1.2	2.2	2.3	.6	.1	.2												164	167	139	95				
38 / 37	.5	1.7	2.3	.8	.0													183	183	120	101				
36 / 35	.5	2.5	4.2	.6	.1													194	194	187	100				
34 / 33	.5	5.0	3.2	.5	.0													231	231	166	130				
32 / 31	.8	3.1	3.0	1.1														201	201	258	150				
30 / 29	.4	2.8	3.0	.5														185	185	201	176				
28 / 27	.2	3.0	3.0	.4														163	163	162	144				
26 / 25	.2	2.2	3.1	.4														147	148	190	154				
24 / 23	.2	1.9	2.0	.1														102	102	146	131				
22 / 21	.1	2.1	1.4															88	88	132	121				
20 / 19		1.5	1.0															62	62	113	124				
18 / 17	.1	.7	.6															34	34	59	109				
16 / 15		.8	.4															29	29	33	126				
14 / 13		.5	.2															16	16	31	104				
12 / 11		.1																2	2	18	89				
10 / 9		.1																7	3	6	56				
8 / 7		.0																1	1		55				
6 / 5		.1																2	2	2	29				
4 / 3																				1	28				
2 / 1		.1																3	3		23				
Element (X)	Σ X²			Σ X		X̄		s _x		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.												≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total	
Dry Bulb																									
Wet Bulb																									
Dew Point																									

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13707 DOVER AFB DELAWARE
STATION STATION N

42-45, 50-72

DEC

PAGE 2 2100-2300
HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

13707 DOVER AFB DELAWARE

42-46,50-72

STATION	STATION NAME	YEARS												
HRS (LST)	JAN	FEB.	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	
00-02	MEAN S D TOTAL OBS	30.9 10.203 2399	32.6 9.430 2189	38.7 8.783 2407	47.9 8.709 2322	57.0 7.466 2406	65.7 6.562 2293	70.4 4.984 2402	69.0 5.276 2412	63.3 7.528 2398	52.7 8.500 2407	43.2 9.629 2329	33.9 10.149 2496	50.5 16.208 28460
03-05	MEAN S D TOTAL OBS	30.1 10.570 2402	31.4 9.647 2187	37.4 8.944 2408	46.3 8.837 2324	55.5 7.573 2410	64.4 6.639 2292	69.1 5.186 2397	67.6 5.677 2410	61.9 7.890 2400	51.3 8.934 2408	42.1 9.706 2334	33.0 10.317 2490	49.2 16.272 28462
06-08	MEAN S D TOTAL OBS	29.7 10.574 2406	31.3 9.802 2188	38.1 9.297 2406	48.6 8.718 2324	59.1 7.634 2402	68.7 6.914 2291	73.0 5.113 2397	70.5 5.562 2402	64.0 7.757 2394	52.5 8.825 2406	42.3 9.736 2330	32.8 10.269 2496	50.9 17.575 28440
09-11	MEAN S D TOTAL OBS	33.9 10.185 2400	36.2 10.047 2188	44.3 10.385 2407	55.4 9.631 2321	65.7 8.346 2402	75.5 7.896 2292	79.7 5.626 2393	77.7 5.589 2415	71.8 7.633 2395	60.6 8.253 2407	49.0 9.320 2330	37.7 9.999 2501	57.3 18.415 28451
12-14	MEAN S D TOTAL OBS	37.8 10.281 2400	40.3 10.508 2185	48.2 11.160 2408	59.1 10.414 2321	69.1 9.214 2402	78.8 8.435 2293	82.7 6.197 2386	81.1 6.055 2400	75.3 8.120 2393	64.6 8.613 2406	52.9 9.607 2329	41.4 10.187 2502	61.0 18.415 28425
15-17	MEAN S D TOTAL OBS	37.0 9.782 2404	40.2 9.938 2186	48.2 10.799 2408	59.0 10.230 2317	68.9 9.273 2404	76.2 8.467 2293	82.1 6.469 2405	80.5 5.802 2409	74.4 7.847 2397	63.1 8.318 2403	51.0 9.190 2331	40.0 9.721 2503	60.3 16.336 28460
18-20	MEAN S D TOTAL OBS	33.4 9.158 2403	36.0 8.862 2184	43.6 9.141 2406	54.1 9.065 2320	64.0 8.387 2405	73.3 7.610 2295	77.3 5.716 2397	75.1 5.363 2408	68.4 7.209 2396	57.0 7.778 2402	46.2 8.841 2323	36.3 9.469 2486	55.5 17.513 28425
21-23	MEAN S D TOTAL OBS	31.8 9.603 2396	34.0 8.895 2185	40.6 8.759 2407	50.3 8.484 2317	59.5 7.497 2401	68.5 6.626 2290	72.6 4.881 2404	70.9 5.035 2411	64.9 7.166 2399	54.1 8.122 2394	44.0 9.275 2334	35.0 9.957 2487	52.2 16.509 28423
ALL HOURS	MEAN S D TOTAL OBS	33.1 10.434 19202	35.2 10.224 17496	42.4 10.525 19257	52.6 10.404 18566	62.4 9.610 19232	71.6 9.088 18339	75.8 7.440 19181	74.0 7.437 19267	68.0 9.082 19172	57.0 9.718 19233	46.4 10.194 18640	36.3 10.452 19961	54.6 17.933 227546

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/HAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

13707 DOVER AFB DELAWARE

42-46,50-72

STATION

STATION NAME

YEARS

HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	28.6	30.1	33.7	44.2	53.5	62.6	67.3	66.3	60.8	50.2	40.6	31.5	47.7
	S D	10.124	9.366	8.711	8.518	7.556	6.584	5.127	5.610	7.853	8.840	9.733	10.126	16.188
	TOTAL OBS	2398	2189	2406	2322	2401	2288	2396	2410	2394	2404	2328	2484	28420
03-05	MEAN	28.0	29.1	34.7	43.2	52.7	61.9	66.7	65.4	59.9	49.1	39.8	30.8	46.8
	S D	10.475	9.570	8.955	8.717	7.793	6.775	5.418	6.009	8.246	9.236	9.850	10.246	16.313
	TOTAL OBS	2399	2187	2408	2322	2401	2290	2384	2404	2396	2402	2327	2482	28402
06-08	MEAN	27.7	29.0	35.3	44.7	54.9	64.3	68.8	67.1	61.2	50.0	39.9	30.7	47.8
	S D	10.561	9.684	9.246	8.570	7.535	6.464	5.020	5.689	8.009	9.121	9.847	10.258	16.991
	TOTAL OBS	2404	2188	2406	2323	2398	2290	2397	2399	2388	2404	2322	2488	28407
09-11	MEAN	30.9	32.5	39.1	48.5	58.0	66.8	70.9	69.7	64.4	54.5	44.3	34.2	51.2
	S D	10.023	9.625	9.368	8.528	7.532	6.543	5.013	5.418	7.441	8.307	9.259	9.870	16.507
	TOTAL OBS	2397	2188	2407	2321	2400	2292	2392	2416	2393	2404	2329	2488	28425
12-14	MEAN	33.5	35.2	41.5	50.4	59.4	67.8	71.5	70.5	65.4	56.1	46.3	36.7	52.9
	S D	9.748	9.609	9.204	8.442	7.427	6.436	4.940	5.344	7.275	8.094	9.084	9.742	15.835
	TOTAL OBS	2400	2185	2409	2321	2398	2293	2386	2400	2393	2404	2326	2496	28411
15-17	MEAN	33.0	35.2	41.6	50.3	59.3	67.5	71.3	70.3	65.1	55.4	45.2	35.9	52.5
	S D	9.354	9.079	8.894	8.050	7.261	6.264	4.743	5.161	7.078	8.015	8.974	9.466	15.769
	TOTAL OBS	2404	2186	2408	2317	2404	2293	2404	2408	2396	2403	2330	2501	28454
18-20	MEAN	30.5	32.6	39.0	47.9	57.3	66.0	70.0	68.8	63.1	52.7	42.5	33.5	50.4
	S D	9.104	8.692	8.468	7.929	7.201	6.298	4.716	5.255	7.201	8.198	9.171	9.596	16.086
	TOTAL OBS	2399	2184	2406	2320	2404	2292	2397	2408	2394	2402	2322	2482	28410
21-23	MEAN	29.3	31.2	37.0	45.8	55.1	64.1	68.3	67.1	61.5	51.1	41.0	32.4	48.7
	S D	9.579	8.841	8.544	8.170	7.230	6.395	4.909	5.358	7.426	8.483	9.474	10.005	16.069
	TOTAL OBS	2389	2189	2405	2317	2400	2289	2402	2411	2398	2392	2332	2478	28402
ALL HOURS	MEAN	30.2	31.9	38.0	46.9	56.3	65.1	69.3	68.1	62.7	52.4	42.4	33.2	49.8
	S D	10.089	9.597	9.283	8.768	7.822	6.799	5.278	5.780	7.825	8.907	9.720	10.136	16.368
	TOTAL OBS	19190	17496	19255	18563	19206	18327	19158	19254	19152	19215	18616	19890	227331

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

13707 COVER AFB DELAWARE

42-46,50-72

STATION	STATION NAME	YEARS												
HRS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	
00-02	MEAN S D TOTAL OBS	23.2 12.962 2398	24.4 12.381 2189	30.6 11.228 2406	39.8 10.568 2322	50.6 9.105 2401	60.7 7.401 2288	65.7 5.912 2396	64.8 6.357 2410	59.1 8.732 2394	47.8 10.174 2404	37.0 11.594 2328	26.7 12.716 2404	44.2 18.439 28420
03-05	MEAN S D TOTAL OBS	22.8 13.219 2390	23.8 12.472 2187	30.0 11.373 2408	39.4 10.515 2322	50.2 9.131 2401	60.3 7.529 2290	65.3 6.152 2384	64.2 6.660 2404	58.5 9.032 2396	47.0 10.513 2402	36.5 11.647 2327	26.2 12.594 2482	43.7 18.515 28402
06-08	MEAN S D TOTAL OBS	22.6 13.343 2404	23.6 12.566 2188	30.4 11.696 2406	40.2 10.696 2322	51.5 9.171 2398	61.7 7.446 2290	66.6 6.046 2397	65.1 6.571 2399	59.3 8.961 2387	47.6 10.493 2404	36.5 11.613 2322	26.1 12.689 2488	44.3 18.949 28405
09-11	MEAN S D TOTAL OBS	24.2 13.337 2397	25.2 12.953 2188	31.6 12.083 2407	41.2 11.321 2321	52.1 9.802 2406	62.0 7.995 2292	66.5 6.820 2392	65.6 7.175 2414	59.9 9.370 2393	49.1 10.868 2404	38.5 11.880 2325	28.0 12.855 2488	45.4 18.693 28424
12-14	MEAN S D TOTAL OBS	25.4 13.158 2400	26.3 13.089 2185	32.5 11.789 2409	41.6 11.365 2321	52.2 9.917 2398	61.8 8.101 2293	66.0 7.108 2386	65.1 7.392 2400	59.3 9.646 2393	48.8 11.193 2403	38.6 12.106 2326	28.8 13.123 2495	45.6 18.287 28409
15-17	MEAN S D TOTAL OBS	25.2 12.798 2404	26.5 12.713 2185	32.6 11.679 2408	41.6 11.093 2317	52.1 9.764 2404	61.6 7.881 2293	65.9 6.829 2404	65.1 7.265 2408	59.4 9.464 2396	48.8 11.080 2403	38.3 12.021 2330	28.6 12.941 2501	45.5 18.169 28454
18-20	MEAN S D TOTAL OBS	24.1 12.333 2400	25.8 12.209 2185	32.0 11.360 2406	41.2 10.735 2320	52.0 9.300 2404	61.8 7.714 2292	66.2 6.338 2397	65.4 6.808 2408	59.6 8.752 2394	48.7 10.321 2402	37.5 11.703 2322	27.8 12.736 2482	45.3 18.294 28412
21-23	MEAN S D TOTAL OBS	23.6 12.568 2389	25.2 11.955 2189	31.2 11.187 2405	40.7 10.461 2316	51.5 8.837 2400	61.5 7.407 2289	65.1 5.981 2402	65.0 6.344 2411	59.3 8.468 2398	48.1 10.001 2392	30.9 11.567 2332	27.3 12.803 2473	44.8 18.301 28401
ALL HOURS	MEAN S D TOTAL OBS	23.9 13.004 19151	25.1 12.586 17497	31.4 11.588 19255	40.7 10.876 18561	51.5 9.413 19206	61.4 7.706 18327	66.1 6.423 19155	65.0 6.842 19254	59.3 9.067 19131	48.2 10.609 19214	37.5 11.793 18615	27.4 12.856 19898	44.8 18.468 227327

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/NAC

RELATIVE HUMIDITY

13707 DOVER AFB DELAWARE

42-40,50-72

ALL

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LT*)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	100.0	100.0	99.6	96.3	86.1	68.6	49.5	32.7	15.6	70.5	19189
FEB		100.0	100.0	98.7	93.6	81.7	64.0	45.8	30.5	15.3	68.6	17494
MAR		100.0	100.0	98.3	91.0	78.1	61.8	45.0	29.7	14.6	67.5	19254
APR		100.0	99.9	97.4	88.5	76.1	61.2	45.5	29.9	14.2	67.0	18562
MAY		100.0	100.0	98.7	93.2	82.4	68.5	52.8	35.4	15.0	70.3	19206
JUN		100.0	100.0	99.5	95.8	87.3	73.7	56.8	39.2	15.6	72.5	18327
JUL		100.0	100.0	99.6	96.4	88.1	75.7	61.1	43.0	18.4	74.0	19157
AUG		100.0	100.0	99.9	97.9	90.5	78.1	64.4	46.4	18.8	75.4	19254
SEP		100.0	100.0	99.7	97.0	90.0	78.5	65.7	47.8	20.7	75.6	19151
OCT		100.0	100.0	99.5	96.5	87.8	77.3	63.1	44.0	20.8	74.6	19215
NOV		100.0	100.0	99.8	96.7	88.3	74.4	56.4	38.0	18.1	72.9	18616
DEC		100.0	100.0	99.7	96.5	87.7	72.2	52.6	34.9	17.9	71.8	19899
TOTALS		100.0	100.0	99.2	95.0	85.3	71.3	54.9	37.6	17.1	71.7	227324

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DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13707

DOVER AFB DELAWARE

43-46, 51-72

JAN

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	00-02	100.0	100.0	100.0	98.7	92.3	78.0	58.3	39.2	18.9	74.1	2398
	03-05	100.0	100.0	99.9	98.9	94.7	80.6	60.7	41.1	19.0	75.0	2399
	06-08	100.0	100.0	100.0	99.1	95.3	82.6	63.0	43.0	19.7	75.8	2404
	09-11	100.0	100.0	99.7	96.1	84.9	64.5	43.7	29.5	14.7	68.9	2397
	12-14	100.0	100.0	98.8	91.2	71.7	48.3	32.0	20.9	10.5	62.9	2399
	15-17	100.0	100.0	98.8	91.7	72.8	52.8	34.6	22.2	10.7	64.1	2404
	18-20	100.0	100.0	99.8	96.7	86.5	67.3	48.4	30.9	13.9	70.1	2399
	21-23	100.0	100.0	99.9	98.1	90.8	74.3	55.5	35.0	17.1	72.7	2389
TOTALS		100.0	100.0	99.6	96.3	86.1	68.6	49.5	32.7	15.6	70.5	19189

USAFETAC

FORM
JUL 64

0-67-5 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13707 DOVER AFB DELAWARE

43-46,51-72

FEB

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
FEB	00-02	100.0	100.0	99.8	98.3	90.6	75.1	55.3	36.6	18.8	73.1	2189
	03-05	100.0	100.0	100.0	99.0	92.9	79.1	58.0	40.3	20.1	74.4	2187
	06-08	100.0	100.0	99.8	99.0	92.7	78.7	58.7	38.8	19.0	74.2	2188
	09-11	100.0	100.0	99.3	93.6	78.8	56.8	38.3	25.6	12.5	66.1	2187
	12-14	100.0	100.0	96.2	84.0	63.4	41.3	27.3	19.3	10.4	59.8	2185
	15-17	100.0	99.7	95.9	83.9	64.7	45.8	30.9	20.5	10.9	60.8	2186
	18-20	100.0	100.0	99.0	93.4	82.2	63.4	45.5	29.4	13.7	66.3	2183
	21-23	100.0	100.0	99.9	97.2	88.0	71.5	52.1	33.7	16.7	71.7	2189
TOTALS		100.0	100.0	98.7	93.6	81.7	64.0	45.8	30.5	15.3	68.6	17494

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13707 DOVER AFB DELAWARE

43-46, 51-72

MAR

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAR	00-02	100.0	100.0	100.0	99.1	90.9	76.1	56.9	38.5	18.6	73.7	2406
	03-05	100.0	100.0	100.0	99.4	94.7	80.6	63.1	41.4	20.5	75.7	2408
	06-08	100.0	100.0	100.0	99.1	93.5	79.5	60.4	39.7	19.1	74.8	2406
	09-11	100.0	100.0	99.0	89.5	70.8	50.7	33.4	22.5	12.0	63.3	2407
	12-14	100.0	99.8	95.1	77.6	56.2	38.5	26.5	17.4	9.4	57.6	2408
	15-17	100.0	99.9	93.9	76.0	57.0	41.3	28.1	18.4	9.2	57.9	2408
	18-20	100.0	100.0	98.8	90.6	75.6	58.1	41.4	27.0	12.5	66.0	2406
	21-23	100.0	100.0	99.8	97.0	85.8	69.8	50.2	32.4	15.3	70.7	2405
TOTALS		100.0	100.0	98.3	91.0	78.1	61.8	45.0	29.7	14.6	67.5	19254

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APR
MONTH

STATION

STATION NAME

PERIOD

MONTH

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FORM
JUL 64

0-87.5 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13707 DOVER AFB DELAWARE

43-46,51-72

MAY

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	00-02	100.0	100.0	100.0	99.5	96.0	89.8	75.1	54.5	25.7	80.1	2401
	03-05	100.0	100.0	100.0	99.8	98.5	93.8	84.0	63.2	31.1	83.1	2401
	06-08	100.0	100.0	100.0	99.4	95.5	84.4	67.2	45.9	19.6	77.0	2398
	09-11	100.0	100.0	99.0	92.6	74.5	53.5	34.3	20.3	7.0	63.6	2400
	12-14	100.0	99.9	96.3	82.4	59.2	38.5	24.9	14.1	4.0	57.4	2398
	15-17	100.0	99.9	95.1	80.3	59.9	41.6	26.8	15.4	4.9	58.0	2404
	18-20	100.0	100.0	99.0	92.9	79.7	62.8	44.9	27.7	9.5	67.3	2404
	21-23	100.0	100.0	99.8	98.6	94.8	83.4	65.0	42.4	18.4	76.0	2400
TOTALS		100.0	100.0	98.7	93.2	82.4	68.5	52.8	35.4	15.0	70.3	19206

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/HAC

RELATIVE HUMIDITY

13707 DOVER AFB DELAWARE
STATION STATION NAME

42-46,51-72
PERIOD

JUN
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	00-02	100.0	100.0	100.0	100.0	99.6	97.1	88.9	70.0	28.5	64.4	2288
	03-05	100.0	100.0	100.0	100.0	100.0	98.6	92.9	78.2	40.6	87.2	2290
	06-08	100.0	100.0	100.0	99.9	98.2	90.9	74.2	52.4	18.5	79.2	2290
	09-11	100.0	100.0	100.0	95.5	82.5	57.6	32.7	15.0	4.8	64.4	2292
	12-14	100.0	100.0	98.8	87.6	65.8	40.6	19.2	10.0	2.7	58.1	2293
	15-17	100.0	100.0	98.1	86.8	67.0	41.9	22.8	11.7	4.0	58.8	2293
	18-20	100.0	100.0	99.4	96.6	87.1	69.8	46.5	26.0	8.5	68.9	2292
	21-23	100.0	100.0	100.0	99.9	98.5	92.7	77.5	50.5	17.0	79.2	2289
TOTALS		100.0	100.0	99.5	95.8	87.3	73.1	56.8	39.2	15.6	72.5	18327

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13707 DOVER AFB DELAWARE

43-46, 51-72

JUL

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	00-02	100.0	100.0	100.0	100.0	99.7	98.0	90.7	74.8	35.0	85.8	2396
	03-05	100.0	100.0	100.0	100.0	99.9	98.3	94.1	82.9	45.4	88.3	2384
	06-08	100.0	100.0	100.0	100.0	98.7	93.4	80.6	59.5	23.0	81.4	2397
	09-11	100.0	100.0	99.7	96.7	84.0	61.5	37.6	17.1	4.6	65.8	2392
	12-14	100.0	100.0	96.7	88.0	67.2	44.1	25.3	10.2	3.3	59.3	2386
	15-17	100.0	100.0	96.9	89.0	68.2	44.4	28.6	14.7	4.5	60.4	2403
	18-20	100.0	100.0	99.7	97.6	88.8	71.6	50.7	29.5	9.2	70.3	2397
	21-23	100.0	100.0	100.0	100.0	98.6	94.1	80.9	55.5	22.3	81.0	2402
TOTALS		100.0	100.0	99.6	96.4	88.1	75.7	61.1	43.0	18.4	74.0	19157

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13707

DOVER AFB DELAWARE

43-46,51-72

AUG

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
AUG	00-02	100.0	100.0	100.0	100.0	99.9	99.3	94.0	79.2	35.9	86.8	2410
	03-05	100.0	100.0	100.0	100.0	100.0	99.5	96.9	86.1	47.6	89.1	2404
	06-08	100.0	100.0	100.0	100.0	99.6	96.4	87.2	67.9	27.8	83.7	2399
	09-11	100.0	100.0	100.0	98.3	87.9	68.4	41.7	18.8	4.5	67.5	2414
	12-14	100.0	100.0	99.6	92.9	71.2	44.4	23.8	10.7	2.7	60.1	2409
	15-17	100.0	100.0	99.6	93.1	73.0	47.3	27.2	12.7	3.0	61.1	2408
	18-20	100.0	100.0	100.0	99.1	93.2	80.4	58.7	33.9	8.7	72.9	2408
	21-23	100.0	100.0	100.0	100.0	99.5	96.9	85.3	62.2	20.0	82.1	2411
TOTALS		100.0	100.0	99.9	97.9	90.5	79.1	64.4	46.4	18.8	75.4	19254

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13707 DOVER AFB DELAWARE

43-46, 50-72

SEP

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
SEP	00-02	100.0	100.0	100.0	100.0	99.8	98.6	93.8	77.4	34.7	86.4	2394
	03-05	100.0	100.0	100.0	100.0	100.0	99.4	95.2	84.0	47.0	88.8	2396
	06-08	100.0	100.0	100.0	100.0	99.9	97.3	88.3	71.6	33.9	85.0	2387
	09-11	100.0	100.0	99.8	97.6	86.8	67.1	43.0	21.6	6.1	67.7	2393
	12-14	100.0	100.0	98.8	89.1	67.5	42.7	24.9	11.8	4.0	59.4	2393
	15-17	100.0	100.0	98.8	90.2	71.5	49.3	30.0	15.5	5.3	61.6	2396
	18-20	100.0	100.0	99.9	99.0	95.3	84.5	62.7	37.0	11.9	74.7	2394
	21-23	100.0	100.0	100.0	99.9	99.2	96.9	87.0	63.6	22.6	82.6	2398
TOTALS		100.0	100.0	99.7	97.0	90.0	79.5	65.7	47.8	20.7	75.8	19151

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

3

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13707 DOVER AFB DELAWARE

43-45, 50-72

OCT

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
OCT	00-02	100.0	100.0	100.0	100.0	99.2	95.5	86.7	67.2	33.3	84.1	2404
	03-05	100.0	100.0	100.0	99.9	99.3	96.9	90.3	70.5	41.3	85.6	2402
	06-08	100.0	100.0	100.0	99.9	98.5	95.1	85.6	66.0	34.7	83.9	2404
	09-11	100.0	100.0	99.9	96.8	83.2	64.1	41.8	23.6	9.0	67.5	2404
	12-14	100.0	100.0	97.6	86.6	60.7	41.5	24.9	14.4	5.7	58.7	2404
	15-17	100.0	100.0	98.3	89.5	68.6	50.0	31.4	17.7	6.9	61.7	2403
	18-20	100.0	100.0	100.0	99.3	94.2	83.0	62.2	37.6	12.8	74.6	2402
	21-23	100.0	100.0	100.0	99.9	98.4	92.6	81.5	54.8	22.9	80.8	2392
TOTALS		100.0	100.0	99.5	96.5	87.8	77.3	63.1	44.0	20.9	74.6	19215

USAFETAC

FORM
JUL 64

0-97-5 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13707 DOVER AFB DELAWARE

43-45, 50-72

NOV

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
NOV	00-02	100.0	100.0	100.0	99.7	97.1	90.8	73.6	51.6	24.9	79.5	2328
	03-05	100.0	100.0	100.0	99.7	98.1	91.4	77.7	56.7	29.2	81.2	2327
	06-08	100.0	100.0	100.0	99.7	98.1	91.2	77.0	57.4	27.3	80.9	2322
	09-11	100.0	100.0	99.7	96.5	85.2	64.5	43.8	25.8	12.0	68.4	2329
	12-14	100.0	100.0	99.3	88.7	65.6	42.8	25.1	16.1	7.8	60.1	2326
	15-17	100.0	100.0	99.4	91.3	73.2	52.3	33.1	20.3	9.2	63.6	2330
	18-20	100.0	100.0	99.9	98.5	92.5	76.4	55.1	33.0	14.8	72.7	2322
	21-23	100.0	100.0	100.0	99.5	96.5	85.7	66.0	43.0	19.9	74.9	2332
TOTALS		100.0	100.0	99.8	96.7	88.3	74.4	56.4	38.0	18.1	72.9	18616

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13707 COVER AFB DELAWARE

42-45, 50-72

DEC

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
DEC	00-02	100.0	100.0	100.0	99.1	94.3	82.6	62.9	41.3	20.5	75.7	2484
	03-05	100.0	100.0	99.9	99.3	96.3	86.4	64.6	43.3	21.6	76.7	2482
	06-08	100.0	100.0	100.0	99.6	97.2	85.9	65.2	43.9	22.4	77.0	2488
	09-11	100.0	100.0	99.7	96.9	86.5	65.6	45.1	30.4	15.5	69.7	2488
	12-14	100.0	99.9	99.6	89.5	69.9	47.7	33.5	22.2	11.9	63.0	2496
	15-17	100.0	100.0	99.1	91.4	75.0	55.8	37.9	26.0	13.3	65.6	2501
	18-20	100.0	100.0	99.9	97.6	89.2	73.0	52.3	33.4	18.3	72.0	2482
	21-23	100.0	100.0	100.0	98.7	93.1	80.2	59.6	36.7	20.0	74.8	2478
TOTALS		100.0	100.0	99.7	96.5	87.7	72.2	52.6	34.9	17.9	71.8	19899

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART F

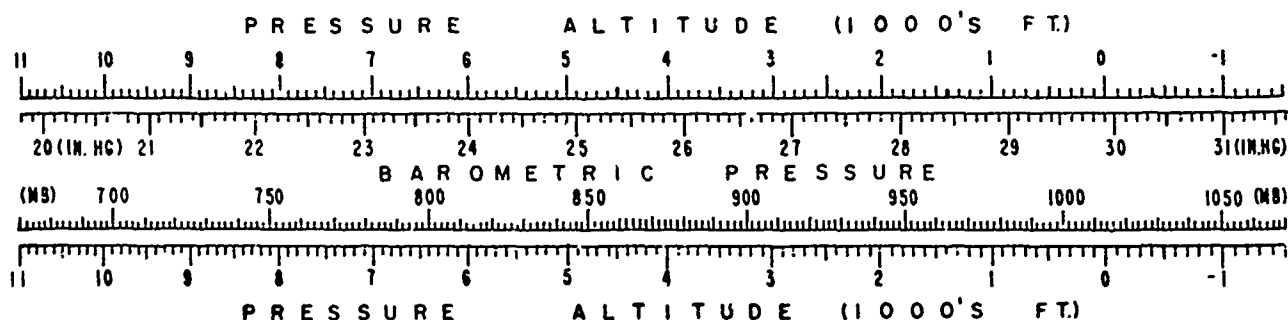
PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.
Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.
METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.
2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

13707 DOVER AFB DELAWARE

46,50-63,65-72

STATION	STATION NAME	YEARS												
HRS (LST)		JAN	FEB.	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
01	MEAN	30.048	30.012	29.976	29.959	29.970	29.950	29.972	29.972	30.041	30.052	30.026	30.049	30.003
	S D	.263	.293	.245	.233	.188	.150	.134	.131	.167	.217	.246	.262	.220
	TOTAL OBS	641	588	647	621	648	613	647	680	680	679	656	678	7778
04	MEAN	30.046	30.008	29.964	29.934	29.966	29.944	29.966	29.965	30.034	30.047	30.022	30.052	29.998
	S D	.271	.294	.252	.242	.191	.155	.137	.132	.171	.218	.250	.265	.224
	TOTAL OBS	646	588	648	621	649	615	645	681	679	682	659	676	7789
07	MEAN	30.063	30.028	29.991	29.986	29.997	29.972	29.993	29.995	30.061	30.071	30.043	30.068	30.025
	S D	.277	.295	.260	.248	.195	.156	.138	.133	.174	.224	.255	.266	.227
	TOTAL OBS	648	586	646	622	645	612	641	671	674	680	655	677	7787
10	MEAN	30.093	30.046	30.001	29.991	30.003	29.976	30.002	30.007	30.074	30.084	30.059	30.092	30.036
	S D	.279	.297	.267	.253	.198	.158	.139	.133	.180	.228	.259	.270	.231
	TOTAL OBS	646	587	646	620	647	616	643	681	679	680	656	679	7780
13	MEAN	30.038	30.001	29.961	29.953	29.974	29.952	29.979	29.981	30.039	30.037	30.010	30.033	29.997
	S D	.276	.295	.263	.251	.197	.154	.138	.130	.178	.227	.256	.269	.228
	TOTAL OBS	647	586	649	619	643	615	640	668	676	679	657	680	7759
16	MEAN	30.035	29.984	29.936	29.925	29.945	29.929	29.956	29.957	30.016	30.022	30.003	30.032	29.979
	S D	.263	.287	.254	.245	.193	.151	.136	.129	.173	.223	.250	.261	.223
	TOTAL OBS	648	556	648	620	646	612	646	679	680	678	656	680	7779
19	MEAN	30.061	30.007	29.958	29.939	29.932	29.931	29.956	29.958	30.026	30.043	30.030	30.051	29.993
	S D	.259	.287	.247	.235	.187	.150	.134	.126	.169	.219	.245	.256	.220
	TOTAL OBS	642	585	649	620	645	613	643	677	677	678	649	670	7748
22	MEAN	30.066	30.014	29.981	29.963	29.973	29.952	29.976	29.978	30.046	30.056	30.038	30.056	30.009
	S D	.261	.290	.240	.232	.184	.149	.133	.126	.165	.215	.247	.256	.217
	TOTAL OBS	640	588	649	618	647	613	647	679	678	674	659	674	7766
ALL HOURS	MEAN	30.056	30.013	29.971	29.959	29.973	29.951	29.975	29.977	30.042	30.052	30.029	30.054	30.005
	S D	.269	.293	.254	.243	.192	.154	.137	.131	.173	.222	.252	.264	.224
	TOTAL OBS	5158	4694	5182	4961	5170	4909	5152	5416	5423	5430	5247	5414	62156

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/HAC

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

13707 DUNVER AFB DELAWARE

43-46,50-72

STATION		STATION NAME												YEARS	
HRS (LST)		JAN	FEB.	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	
01	MEAN	1018.7	1017.4	1016.6	1016.0	1016.2	1015.4	1016.1	1016.1	1018.5	1018.6	1018.0	1018.8	1017.2	
	S D	8.735	9.827	8.203	7.897	6.303	5.114	4.508	4.452	5.697	7.260	8.281	8.911	7.376	
	TOTAL OBS	706	708	800	774	803	763	802	804	800	801	774	801	9396	
04	MEAN	1018.6	1017.2	1016.2	1015.8	1016.1	1015.2	1015.9	1015.9	1018.3	1018.5	1017.9	1018.9	1017.0	
	S D	8.966	9.891	8.460	8.121	6.388	5.285	4.604	4.501	5.794	7.354	8.417	8.989	7.519	
	TOTAL OBS	769	705	802	774	804	765	798	803	800	802	778	800	9403	
07	MEAN	1019.2	1018.0	1017.2	1016.9	1017.1	1016.2	1016.8	1016.9	1019.3	1019.3	1018.7	1019.5	1017.9	
	S D	9.145	9.852	8.729	8.305	6.506	5.313	4.629	4.502	5.901	7.519	8.524	9.007	7.604	
	TOTAL OBS	772	706	800	774	800	762	795	794	794	803	773	801	9376	
10	MEAN	1020.1	1018.7	1017.5	1017.1	1017.3	1016.3	1017.1	1017.3	1019.7	1019.7	1019.2	1020.3	1018.3	
	S D	9.205	9.579	8.955	8.493	6.614	5.361	4.661	4.506	6.153	7.671	8.631	9.111	7.741	
	TOTAL OBS	770	706	800	774	802	766	796	803	799	801	776	803	9396	
13	MEAN	1018.1	1017.0	1016.0	1015.8	1016.3	1015.5	1016.3	1016.4	1018.5	1018.1	1017.5	1018.3	1017.0	
	S D	9.113	9.909	8.868	8.475	6.607	5.222	4.627	4.415	6.058	7.622	8.486	9.086	7.641	
	TOTAL OBS	771	706	803	774	799	765	795	790	796	801	777	803	9380	
16	MEAN	1018.1	1016.4	1015.2	1014.8	1015.3	1014.7	1015.5	1015.5	1017.7	1017.6	1017.2	1018.3	1016.4	
	S D	8.866	9.708	8.600	8.269	6.493	5.160	4.574	4.395	5.961	7.461	8.313	8.843	7.510	
	TOTAL OBS	771	706	802	772	800	762	801	803	799	801	774	804	9395	
19	MEAN	1019.0	1017.2	1016.0	1015.3	1015.6	1014.8	1015.6	1015.6	1018.1	1018.3	1018.1	1018.9	1016.9	
	S D	8.675	9.557	8.328	7.942	6.298	5.098	4.500	4.307	5.780	7.352	8.169	8.699	7.382	
	TOTAL OBS	768	706	803	773	800	764	796	802	797	802	769	793	9373	
22	MEAN	1019.1	1017.5	1016.7	1016.1	1016.3	1015.6	1016.3	1016.3	1018.7	1018.8	1018.4	1019.1	1017.4	
	S D	8.712	9.718	8.064	7.801	6.203	5.089	4.455	4.298	5.655	7.269	8.263	8.763	7.316	
	TOTAL OBS	765	709	802	771	801	760	802	803	798	798	778	798	9385	
ALL HOURS	MEAN	1018.8	1017.4	1016.4	1016.0	1016.3	1015.5	1016.2	1016.3	1018.6	1018.6	1018.1	1019.0	1017.3	
	S D	8.946	9.808	8.553	8.194	6.456	5.231	4.598	4.456	5.903	7.463	8.403	8.944	7.535	
	TOTAL OBS	6152	5655	6412	6186	6409	6107	6385	6402	6383	6409	6201	6403	75104	